



TWENTY-SIXTH ANNUAL REPORT

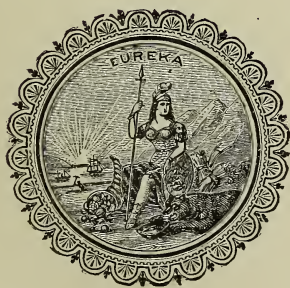
OF THE

BOARD OF PARK COMMISSIONERS

OF

SAN FRANCISCO,

FOR THE YEAR ENDING JUNE 30, 1897.



SAN FRANCISCO:

BRUNT PRESS, 535 CLAY STREET,

1897.

PARK COMMISSIONERS.

JOSEPH AUSTIN, President.
IRVING M. SCOTT.
JOHN ROSENFELD.

JOHN McLAREN.....Superintendent.
V. V. BLOCH.....Secretary.

OFFICE OF THE COMMISSIONERS OF GOLDEN GATE PARK, }
BUENA VISTA PARK, MOUNTAIN LAKE PARK, }
SAN FRANCISCO, CAL., July, 1897. }

To His Excellency, JAMES H. BUDD, and to the Legislature of the State of California, and the Honorable Board of Supervisors of the City and County of San Francisco:

GENTLEMEN: The Park Commissioners herewith present a report of their management of the grounds under their charge for the year ending June 30, 1897.

JOSEPH AUSTIN,
IRVING M. SCOTT,
JOHN ROSENFELD,
Park Commissioners.



TWENTY-SIXTH ANNUAL REPORT.

Your Commissioners in presenting their Twenty-Sixth Annual Report cannot refrain from expressing their satisfaction at the steadily increasing popularity of the peoples' pleasure ground, and the hope that their efforts to maintain its high standard of beauty and picturesqueness will be aided by a liberal appropriation.

The year has been a favorable one for the general maintenance of the park. The trees and shrubs have made a good season's growth, and all with the exception of the unloamed tracts show a healthy and vigorous condition.

Most of the improvements begun during the fiscal year, have been successfully carried out and are now either completed or making satisfactory progress toward completion. Favorable weather having prevailed during the year, the work of grading and constructing on the different roads, grounds and walks has been carried on almost uninterruptedly.

During the latter part of the year 1896 various irresponsible rumors were circulated in regard to the management of the Park.

These rumors were presented to the Grand Jury the latter part of 1896, through the Committee appointed to examine the Park. For some reason the Grand Jury practically ignored the charges made and the rumors circulated.

The Park Commissioners immediately asked not only the fullest investigation of these rumors, but of every department of the Park, and when the new Grand Jury met in the first part of 1897, an official letter was addressed to the Jury, asking the fullest examination of Park affairs.

A great many exaggerated statements were presented to this Grand Jury, and a portion of the Press of the City spread exaggerated statements regarding the same.

The Grand Jury made a most exhaustive examination employing two experts who went into detail of every particular statement or charge made, taking charge of the pumping engine and running it, and ascertaining for themselves the amount of coal burned to pump a certain quantity of water, comparing that with the amount charged for the year; feeding the horses, taking the number, and comparing same with the amount of feed charged to that department; examining the men to see if the payroll and men agreed; in fact the Grand Jury made the most exhaustive report possible, and it is gratifying not only to the Commissioners, but also to every citizen of San Francisco, to know that not one particle of foundation existed for the sensational reports that had been circulated.

IMPROVEMENTS AND CONSTRUCTION OF GROUNDS.

The laying out and improvement of grounds and lawn area has gone steadily on during the year, notably at points around Strawberry Hill and the Lake.

The verges and slopes on each side of the Main Drive, west of the Boat House, have been graded, manured, loamed and planted with different

varieties of shrubbery and sown with seeds of native wild flowers which are now in bloom, and add greatly to the beauty and attractiveness of these points.

The grounds between the bicycle path and the new approach, south of the lake, have been graded, manured, surfaced with loam and planted with cedar, redwood and madrone trees.

The grounds on each side of the new drive west of the lake, have also been graded, sloped, loamed and planted with hardy trees, principally pine and acacia on the exposed points and with redwood, madrone and manzanita on the more sheltered sides. West of the Boat House the newly graded points were planted with the stone pine of Italy, the Calaveras Big Tree, the European Silver Fir and the California Silver Spruce. Amongst these are planted the more common pines and acacias to act as nurses to shelter the more tender varieties until they will have become acclimated and to protect them from our prevailing summer winds.

Along the South Drive from the Recreation Grounds to the west side of the lake and to a point opposite 18th avenue, a distance of three-quarters of a mile, the verges have been graded, shaped, manured, loamed and seeded to grass. The banks and slopes have been planted with appropriate trees and shrubs, and during the months of October and November the surface of the ground for a distance of several hundred feet on each side of the driveway, was covered with loam to a depth of eight inches, thus improving the health and appearance of the older trees in a marked degree. Extensive improvements have been carried on along the line of the South Drive, west of the water works and connecting the South with the Main Drive, by grading, shaping and loaming the grounds. By this improvement the grass verges extend on each side of the Main Drive from the Baker street entrance to a point opposite 24th avenue; thence around Strawberry Hill along the South Drive back to the Avenue.

The valley north of the Japanese Garden has been considerably improved. This valley, comprising about ten acres has been graded, surfaced with a coating of loam, manured and ploughed in, ready for seeding. Water pipe with hydrants attached, has been laid sufficient to irrigate the whole tract. The whole area of the grounds, formerly the site of the old "49" Mining Camp, has been covered with loam eight inches in depth and planted with large groups of different varieties of deciduous trees such as oak, maple, linden, walnut, liriodendron, ash and others of a similar character.

The grounds in this vicinity, owing to their being so well sheltered by Strawberry Hill and the lake embankment, are extremely well adapted and favorable to the growth of deciduous trees. At a point between the Bicycle Path and the Main Drive, near 6th Avenue, the borders have been regraded and reshaped, manured and loamed, and seeded to grass.

The grounds around the Old Lodge site have been reconstructed, the plots surfaced with loam, the lawns resodded and improved by planting with rhododendrons, azaleas and heaths. The borders dividing the Main Driveway and the Bicycle Path, west of the "cut," have also been regraded, shaped, loamed and seeded to grass.

A great deal of work has been done toward the improvement of the grounds around the Children's Quarters by replacing and rearranging

the shrubbery, thoroughly overhauling the entire surface and enriching it with loam and other fertilizers.

The grounds on each side of the Main Drive from in front of the Conservatory Valley to a point a little to the west of the new bridge have been entirely reconstructed, and a change effected in the line of driveway by reducing the former zigzag curves to one curve, thereby making the driveway more direct and the lines more graceful. With this decided improvement, the driveway is now of a uniform width of seventy-five feet, with its grass verges on either side, dividing it and the footpath on one side and the bicycle path on the other.

The grass verges vary in width from four to ten feet and dispersed over them are groups of shrubbery. The grounds around and between the groups have been seeded to Kentucky Blue grass; south of the Bicycle path they have also been reshaped and laid out in a similar manner.

On the north side of the present footpath considerable work has been done in the way of taking up the old macadam and replacing it with surface soil. The sharp points at the junction of the 6th Avenue entrance and the Main Drive have been graded down to an easy slope, covered with surface soils and planted to grass; while the great width of gravel space between the site of the old Casino and the Bicycle Rest has been reduced to about eight hundred square feet and the space improved in the usual manner by loaming and planting.

CONCERT VALLEY AND THE NEW MUSIC CONCOURSE.

Among the many improvements since the last report was submitted, and one that will give the park an additional hold upon public favor, is the construction and completion of the grounds in and around Concert Valley, where it is proposed the new bandstand will be erected in the near future.

Soon after the closing of the Midwinter Fair the work of demolishing the buildings and general reconstruction of the grounds was begun and was vigorously carried on, until now the only remaining buildings to mark the site of the Midwinter Fair are the Japanese Village and the Memorial Museum.

Concert Valley was the project of the late W. W. Stow. He selected the site as the most desirable location for a music concourse, and your Commissioners have, in the laying out of the grounds, endeavored to carry out his wishes.

The site is truly a grand one, not alone for the beauties of its surroundings, but for its being in the midst or within easy access of the most interesting features of the park. To the north is the Main Drive and Museum; to the south, the South Drive leading to the Lake and Strawberry Hill; while on the east is the Aviary and the Buffalo Paddock and on the west is the Japanese Garden.

On graceful slopes surrounding the Music Court are planted belts of trees with dense foliage, and which, while adding to the natural picturesqueness of the scene, act as wind breaks. By this much will be secured for the comfort of the large concourses of people who will attend the concerts, and the acoustic arrangements of the bandstand will be at once protected and preserved.

On the east, south and west sides of the Court are a double carriage drive and bicycle path. The new Music Court is somewhat rectangular

in form. It is 600 feet in length and 300 feet in width, with the angles curved so as to present a pleasing and symmetrical appearance. The surface of the court, which is twelve feet below the surrounding driveways, has been laid out in macadamized walks and the parterres planted with shade trees, forming a fresh and pleasant retreat for those who wish to find rest and relaxation and escape from the chilly winds or the hot rays.

Adjoining the museum and in close proximity to the new brick lawn surface has been considerably extended, and the plots planted with palms and other appropriate plants.

Though the work of reconstruction has been necessarily slow, due to the rough and heavy labor, still, on the whole, steady progress has been maintained until it is virtually completed, with the exception of the band stand, the erection of which is under consideration. The first heavy piece of work accomplished, was the breaking up of the old roads, and the construction of new ones. Excavating under, and blasting the remaining concrete foundation of the Mechanical Arts and other buildings necessitated heavy labor and much time. About 1000 loads of this old concrete and other accumulated rubbish was carted away, the greater portion of which was used in building the embankment on the north side of the new driveway around the Panorama and other rock work in the vicinity. Hills were graded down, and the material thus obtained was used in the construction of wind breaks on the westerly and southwesterly sides of the Music Court, which have all been shaped, loamed and planted with rapidly growing trees. Many of the trees were from twenty to thirty feet in height and required a large amount of heavy work and great care in moving in order to have successful results attained. The larger trees with six or eight cubic yards of soil attached, were planted in large holes, from eight to twelve feet in diameter, and filled with rich soil. The grassy slopes dividing the drives, bicycle road, promenades and seating grounds, have been planted with groups of rare and beautiful flowering shrubs already in thriving condition and beginning to show their characteristics. The principal species planted in this locality are myrtle, erica, guava, yucca, agave, echium, rhododendron, euonymus, fremontia, carpenteria, abelia, diosma, and others, giving a very interesting and attractive finish to the grounds.

The wide belt between the Museum and the Japanese Garden has been graded, loamed, and seeded to blue grass, and at its most westerly much has been added to the attraction of the neighborhood by planting groups of semi-tropical plants, embracing various species, for use as shade and ornamental, forming new combinations in both leaf and flower.

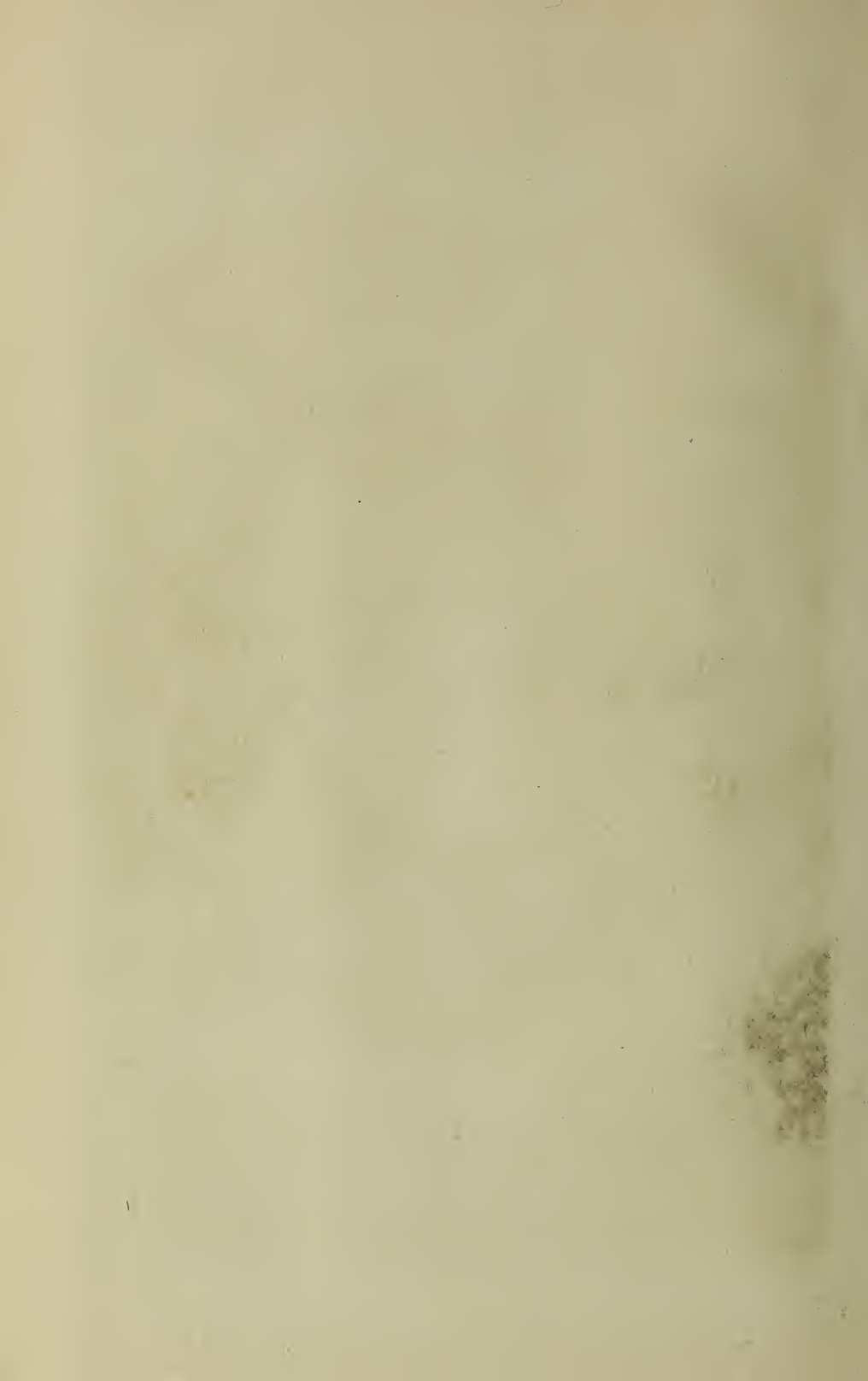
DRIVEWAYS, WALKS, AND BICYCLE PATHS.

Owing to the increased traffic the work on construction and reconstruction and general maintenance has been considerable this year, and the expense very heavy. The reconstruction and reshaping of the drives and slopes at a point on the driveway leading west from the Boat House, where the 24th Avenue entrance crosses the main north drive, involved a great amount of heavy labor which engaged the services of forty men and eight teams constantly for over a month. So many roadways met at this junction that it was difficult to keep them in good order on account of the numerous long points. The sharp angles have been



HUNTINGTON FALLS

PHOTO-CHRONIC-LATE KRATON & KEY, S.F.



taken off, and new curves laid out, thus making the turns easier, and the roads more direct.

The construction of the driveway around the westerly and southerly sides of Stow Lake was quite an expensive improvement, entailing much labor. The material used, including 20,000 cubic yards of sand, was hauled from the "cut" west of Strawberry Hill.

The building of the Bicycle Road encroached so much into the road leading to the Boat House that the approach to the lake had to be changed. This was done by building a new road about 800 feet long and 40 feet wide, some one hundred feet further to the south, which makes the curves more graceful, and a more direct drive. Another important piece of work was the reconstruction of the driveway around the Panorama and Strawberry Hill. In order to preserve the driveway it was necessary to build an embankment of stone along the northerly side, which will thus support the fill as the hill is much steeper than a natural slope of such material would be.

Extensive work was involved in the reconstruction of the drive and walks crossing the new bridge. The work was attended with considerable difficulties and delays, owing to the fact that vehicles were constantly passing and repassing over the bridge, but it has now been satisfactorily completed. Irrespective of the bicycle and foot paths, the width of the drive is seventy-five feet, affording ample room for observing the "right of way" at this point, where the traffic will be greater than at any other section of the drive.

The Ocean Boulevard built last year on the great highway has been maintained at considerable expense on account of the sand being carried by the strong prevailing winds and deposited on the surface of the Driveway. In order to prevent this in the future, grass has been planted for a width of one hundred feet between the Driveway and the Ocean. Brush has been placed in hedge form along the Boulevard for a distance of nearly two miles in order to keep the sand from being blown or the grass roots from being torn out by high winds or washed away by the action of the receding waves during high tides. This work of reclamation should be carried on until the grass is firmly set to the level of high water mark, thereby remedying the trouble caused by drifting sands.

During the months of March and April a large force of men and eight teams were put to work upon the repairing of Point Lobos Road. Loads of rock were hauled and spread along the middle of the Driveway for a width of sixty feet from Central Avenue west to 5th Avenue, and thirty feet in width from 5th Avenue to the Cliff House, a distance of three miles.

A footpath fifteen feet wide and 2,000 feet long has been graded and gravelled. It extends from the Aviary to the slope in front of the Museum. This will make a continuous and pleasant footway between these two attractive features. As it was deemed advisable to have a pathway connecting with the walk through the site of the old '49 Camp leading to the Bridge and crossing the Lake on the north of Strawberry Hill, a walk has been constructed along the steep slope of the hill below the level of the Lake. In order to make it more secure, stumps of trees, which had been grubbed out, were placed on the north side of the walk to serve as a retaining wall.

A new walk was constructed leading from the Driveway in front of the

Grant Monument through the subway, dividing at its north end so that access can be gained by the one to the 8th Avenue Entrance and by the other to the 10th Avenue Entrance. With the work done in constructing the walks at the old and new Lodge sites, the foregoing represents the principal improvements in regard to walks.

The extension and completion of the Bicycle path has met with great popularity by bicyclists and to the management of Golden Gate Park may be attributed the first construction in America of a bicycle path for the exclusive use of wheelmen. Considerable care has been exercised as to the proper grading and surfacing. The foundation is composed of four inches of coarse red rock, well packed and covered with two inches of finely broken rock rolled to a smooth even surface. It has an elevation or crown in the center and along the entire course the best system of drainage has been introduced, with silt basins at intervals connecting with drains in such a way as to keep the path entirely free from standing water. It is constantly kept well rolled and sprinkled so as to keep down the fine dust.

The entire length of the path is nearly five miles and varies in width from fifteen to thirty feet. Commencing at the Cyclers' Rest opposite Conservatory Valley, the Main Path extends along the Main Drive, crossing the New Bridge on the south side, thence on to its terminus at the western entrance to the Speed Road.

A pleasant adjunct to the path is the bicycle tract at the Music Court paralleling the double carriage drive and then following the road leading past the Grant Monument, east of the Museum, it connects with the Main Bicycle path.

THE ARBORETUM.

As urged in former reports, no time should be lost in making this interesting and instructive feature as complete as possible. The progress in planting was greatly retarded during the Midwinter Fair and for some considerable time subsequently, during the demolishing of the Fair Buildings and removal of debris. Considerable planting has however been carried on this year and, with the additions that will be constantly made, it is to be hoped that the Arboretum will ere long become worthy of its purpose. The collection is already a valuable one and embraces specimens of a goodly variety of Pacific Coast trees and different species from other States and foreign countries.

The terraces adjoining the Water Works have been planted with a very fine selection of firs, spruces, cedars, araucarias, junipers, redwoods and sequoias, all of which are doing well and beginning to show their respective characteristics. Foreign countries are fairly well represented by various specimens from the Pyrenees Mountains, the Alps, Chili, South Africa, and varieties of the Kauri Pine and other conifers from Australia and New Zealand, besides several of the more important conifers indigenous to the Eastern States have been planted and are doing well.

Here in the Arboretum may be studied the culture and all the wonderful and varied phases of tree life. Next year it is intended to add to the collection varieties of lindens, elms, maple, oak and other deciduous trees both domestic and foreign, all of which have been carefully tested and will under proper treatment make the collection a thoroughly representative one and a most valuable acquisition to the Park.

THE NURSERY.

The Nursery continues to be stocked with a large variety of trees, plants and shrubs, all of which are in excellent condition. About 150 new varieties of trees and shrubs are now under cultivation for the first time, most of these being imported from Japan.

WATER SUPPLY.

Considerable extension has been made in the water supply system, the most important being the introduction of an eight-inch main from a point 240 feet east of the Roman Bridge on the north side of the Lake, and running north toward the Main Drive for a distance of 340 feet. Here the main supplies two laterals of four-inch pipe, one extending east 440 feet midway between the Lake and the North Drive, the other, going west 200 feet, leads towards the Boat House. At intervals of 100 feet along the four-inch laterals are double T's connecting the laterals with two-inch pipes leading out at right angles to the four-inch pipe, each having hydrants attached 100 feet apart. This permits the irrigation of that portion of the grounds that was occupied by the '49 Mining Camp and the entire area in that district. A four-inch main has also been laid, extending 650 feet from the east end of the Lake to the Valley immediately behind and north of the Japanese Garden. Here, about 700 feet of laterals are connected with hydrants attached about 100 feet apart, thereby permitting a thorough irrigation of this large area of ground, which has been graded and loamed, and is now ready for plantation.

In the vicinity of the New Bridge about 1100 feet of two-inch pipe has been laid, connecting with hydrants so as to effect means of irrigation for the borders and slopes on the north and south ends of the Subway. The Recreation Grounds have been provided with additional irrigation facilities. Two-inch laterals have been connected with the main, with hydrants attached, extending the system over the entire acreage. Besides, 1200 feet of two-inch laterals have been connected with the four-inch main in the neighborhood of Deer Glen, in order to irrigate the various groups of trees recently planted there.

DRAINAGE AND GUTTERWAYS.

Additional drainage facilities have been laid from a point directly north of the Aviary, on the south side of the Main North Drive, opposite the 6th Avenue Entrance, extending 475 feet across the Drive and along the west side of the entrance on D St., where it empties into the sewer. It is connected with the silt basins so as to receive the drainage from the north of the Main North Drive and also the drainage from the 6th Avenue Entrance.

A stone Gutterway has been constructed from the Roman Bridge to the crest of Strawberry Hill. Ten silt basins have also been placed at intervals along the line from which branch sewers carry the water to the main drain under the Lake, at a point about 300 feet east of the Rustic Bridge on the south side of Strawberry Hill, thus carrying off storm waters from the hill and preventing washouts and other damage from winter rains.

Another Gutterway with silt basins has been laid on each side of the main walk leading from the Museum, beneath the New Bridge, which provides an outlet for the surface waters from the slopes on either side of

the Bridge. The material used in the construction of these two Gutterways was composed of chips from the granite used in the construction of the New Bridge.

STRUCTURES.

NEW BRIDGE.

Early in the year a contract was entered into with the Messrs. Gray Brothers for the construction of a concrete subway leading beneath the Main North Drive, opposite a point midway between 9th and 10th Avenues, to the Museum and Concert Valley. The work was completed in August of last year. The length of the subway is 132 feet and the width is 21 feet. It is of concrete, the arch being a semicircle two and one-half feet in thickness at the spring line and one and one-half feet thick at the top. The walls are perpendicular and two and one-half feet thick. The foundation extending beneath the walls is four and one-half feet wide. This is the most important of all the structures built during the year. It is built after a design submitted to competition and accepted by your Commissioners in January, 1896, the main object being to allow foot passengers to cross under the Main Drive through the subway to the Museum and Concert Valley, thus avoiding the exposure to accidents owing to the large number of carriages and bicycles that pass this point. The work is designed and constructed with a view to absolute permanency and in accordance with the best rules of art and masonry. The material used is of the finest granite from the quarries near Raymond, admitted to be the best in the State. The bridge is simple in design, richness being concentrated around the arches by carvings of buffalo heads, etc., while the flanking retaining walls were purposely made plain, but capped by a bold cornice and balustrade.

The embellishments at the centre of the two inner balustrades are omitted until such time as your Commissioners shall arrive at some final conclusion in the way of appropriate groups of statuary.

It is proposed to plant, at the ends of the outer balustrades, groves of tall, graceful trees, which, when they have reached their growth, will increase the perspective of the driveway and blend together, as it were, the picturesqueness of the bridge and the surrounding landscape.

BIG TREE CABIN.

The Big Tree Cabin, relic of the Midwinter Fair, that stood near the entrance to the Japanese Garden, has been moved back about one hundred feet, where it will be partially hidden by the pine trees. A foundation of brick has been built under it for support and to protect it from rot and damp. A bench has been put around the interior of the cabin, so that it can be used as a shelter or a summer-house. Immediately in front and around the cabin a group of California Big Trees, ranging in height from three to six feet, have been planted. The cabin being made from a section of one of the giant redwoods of California, and the younger trees of the same species being planted around it, there is a good opportunity for comparison of the tree at different stages of its growth.

ELECTRICAL WORKS.

The idea of the proposed Electrical Works, discussed in former



THE NEW BRIDGE

reports, has so far matured that we have been warranted in the erection of a suitable building. The matter as to what shall be the extent of lighting the park is still under consideration. The building adjoins the Pumping Works and is similar in material and design. It is fifty feet long and thirty feet wide and is so divided as to allow for the convenient placing of the boilers, engines, dynamos and switchboards.

PUMPING WORKS.

The great importance of a thorough irrigation system cannot be over-estimated, therefore every effort has been made to extend the water supply so that all cultivated and improved grounds throughout the park may be effectually irrigated and sprinkled. The large increase of lawn surface (amounting to sixty acres this year) and finished grounds tested the pumps to their full capacity, and in anticipation of still increasing the lawns and finished grounds a new set of Dow's Double-Acting Pumps, with a capacity of 50,000 gallons per hour, have been erected, and after being thoroughly tested, are now in full working order and give entire satisfaction. The full capacity of the combined pumps is now 125,000 gallons per hour.

MUSEUM ANNEX.

Though a large and commodious annex to the Museum was completed last November, so rapidly are the contributions pouring in from all parts of the States and Europe, it was decided to erect another annex 70 feet long by 30 feet wide, which will be utilized for a new picture gallery. A furnace and engine-room has also been erected in connection with the heating apparatus that is now being laid throughout the entire building. The heating of the Museum was considered to be of great necessity, not merely for the comfort of visitors during the rainy season, but more especially as a preventive against dampness and mildew, which would cause irreparable damage to a great portion of the exhibits.

PARK MUSEUM.

The Park Museum was first opened to the public on March 23, 1895. Less than three years ago the first articles were secured which formed the nucleus of the present collections. Within that time the growth has been so rapid and great that twenty-two halls and galleries are now required for the display of the forty thousand objects.

The progress made during the past twelve months has been much greater than during the previous fifteen months and furnishes abundant cause for congratulation. The collections in nearly every department have been materially strengthened and a large number of new departments created and entirely filled with exhibits.

During the summer of 1895 several thousand new exhibits, which had been collected in Europe by Mr. M. H. De Young with the surplus funds of the Midwinter Fair International Exposition, arrived at different times. These, together with the numerous large lots which were received from the East, were necessarily placed in storage by reason of the already overcrowded condition of the halls.

With the extensive and rapid increase of collections and to provide space for the accommodation of the new accessions, as well as to improve the arrangement and classification of the old exhibits, your Commission-

ers decided to erect a new building as an annex to the old one. The new building was accordingly begun early in the winter of 1895 and finished in July, 1896. It was divided into eight halls and utilized for the following departments: Picture Gallery, Tapestry and Antique Furniture, Arms and Armor, Model Room, Ethnology, Mineral Hall, Forestry, and Hall of Agriculture and Horticulture.

With the additional new halls we were enabled to reorganize nearly all of the old ones and create several new departments. The old Armor Hall was transformed into a Græco-Roman Hall; the two rooms at the left of the main entrance, formerly the Mineral and Colonial rooms, have been utilized for the Pioneer Hall, and the historical exhibits of the Wells, Fargo Express Co., respectively. The halls at the right of the main entrance, formerly used for storage and work rooms have been converted into elegant rooms for the Colonial exhibits. The art metal department is a new creation and has been assigned a room opposite the main entrance and leading into the Statuary Hall. More space has been given to the Indian department by the removal of the Wells, Fargo & Co. exhibits. The Forestry and Produce exhibits have been transferred from the department of Natural History to separate apartments in the new building. This latter change is a great improvement to the appearance of the Natural History department and has allowed for the greater expansion of the collections. Most of the space thus created has been filled with new and valuable material which has been in storage for lack of space and display cases.

The task of installing the thousands of exhibits was commenced early in August and involved the entire rearrangement and classification of all collections throughout the entire institution.

CONDITION OF COLLECTIONS.

The specimens of all kinds in the museum are in excellent condition. They have been constantly watched and carefully wiped with proper solutions; as a result no permanent injury to any article has been observed. The new steam heating apparatus now being introduced, will prevent further trouble of that kind.

CASES.

During the year, one hundred and five new display cases have been built and distributed throughout the different departments. Of this number fifty-nine were made by contract, by regular show case manufacturers. The material utilized was Eastern maple (ebonized) quartered oak, cedar and mahogany. The best plate glass was used and the locks were extra strong and made to order. The remaining forty-six cases were built in the Park shops.

LABELS.

Much time and labor has been expended in the preparation of several thousand descriptive labels. A great many old labels, some that were spoiled or faded and others that had been typewritten, were replaced. The printing was done by hand with pen and involved much of the time of one man during the past six months.

LIBRARY.

The museum is gradually accumulating material for a reference library.

There are now very nearly a thousand bound volumes, magazines, pamphlets, and miscellaneous publications, many of the text-books treating on kindred subjects within the scope of the institution. A large number of them are however ancient publications including a quantity of bound volumes in French which have a bearing on Museum subjects. No purchases whatever have been made for this most important department, for the reason that the museum has no fund that could be used for that purpose. What we have were contributed by generous friends of the Institution.

ACCESSIONS.

The Museum has no fund at present with which purchases can be made, and therefore nothing has been expended for exhibits. It is very gratifying, however, to note the large number of accessions by gift since the date of our last report, in addition to the extensive collections furnished by the Midwinter International Exposition. Among the more important contributions of generous friends was the recent gift of Mr. John L. Bardwell of his entire collection of wood and ivory carvings. This exceedingly fine and valuable collection, numbering about six thousand pieces, represents an outlay of about \$25,000, and is considered one of the most important of its kind in America. It contains mostly ancient carvings, which are rapidly increasing in value and difficult to obtain. Mr. Bardwell has been a lifelong lover of art objects, but his specialty has been the acquirement of rare and choice pieces of carved ivory. To this pursuit he has devoted much of his time, and he has certainly exercised great care and good judgment in selecting these treasures during his long residence of forty-five years in this city.

The great interest taken in the Museum by this gentleman is most gratifying, and is suggestive of what others might do towards advancing the institution.

Soon after the museum was established, Mr. Bardwell presented his extensive collection of miscellaneous curiosities. Following closely came other donations, and from time to time, during the past two years, he has contributed many rare objects which he is constantly collecting. His donations have increased to such an extent that a separate room was set aside as a repository for them exclusively. This room, called "Bardwell's Old Curiosity Shop," is now completely filled with curio treasures. The ivory collection, however, is exhibited in the Oriental Hall, where the light is excellent, and the floor space ample for the accommodation of the six large new cases built expressly for the purpose.

Mr. Bardwell announced his gift in the following letter to your Commissioners :

SAN FRANCISCO, CAL., June 24, 1897.

To the Honorable, the Commissioners of the Golden Gate Park, San Francisco, Cal.

GENTLEMEN:—As a constant visitor at the Park Museum during the past two years, I have observed with much pleasure and satisfaction the great progress and eminent success which has attended your zealous efforts, as well as the increasing popularity in public favor.

Stimulated by this, I am induced to supplement my previous contributions by the tender to your keeping of my entire collection of carved ivories.

I have been a collector of Japanese ivory carvings for about forty years, and I do now offer for your acceptance as a gift to the Park Museum, located in Golden Gate Park, in the city of San Francisco, Cal., my entire collection of Japanese wood and ivory carvings, numbering about 700 objects.

The gift will be made upon express conditions that the entire collection shall be permanently exhibited at all times, in well-lighted apartments in said Park Museum, in hard-wood, velvet-lined cases containing plate glass and strong locks, and the various articles properly cared for at all times.

It is my desire that, if the collection be accepted, the same shall forever be exhibited in the said Park Museum, free, for the enjoyment and education of all who may frequent its halls and galleries.

Respectfully,

JOHN L. BARDWELL.

In response to his generous offer, the following letter of acceptance was forwarded to Mr. Bardwell:

SAN FRANCISCO, CAL., June 30, 1897.

John L. Bardwell, San Francisco, Cal.

DEAR SIR:—Your communication conveying to the Park Museum your splendid ivories, was received, and the same formally accepted and recorded in the minutes of the Golden Gate Park.

In accepting this collection, the Park Commissioners cannot refrain from a more cordial expression of their views regarding the patriotism, interest, and splendid feeling you have displayed toward the Park Museum and citizens of San Francisco, in conveying to them all right and title to these ivories, without any conditions whatever.

The collection will be taken care of in proper shape, and due acknowledgement to the donor will be given. We hope that this example will be followed by others, and that eventually the Park Museum may be unsurpassed in its collections, due to the patriotism and generosity of the people, following the example you have so nobly set.

Yours very truly,

Board of Park Commissioners,

By V. V. BLOCH,
Secretary.

Another exceedingly valuable gift was made by Mr. C. P. Huntington. This consists of nine large oil paintings from his private collection, and is a most welcome addition to our picture gallery. For this gracious gift of Mr. Huntington's, the public owes a debt of gratitude.

The picture gallery has also been further enriched by the generous gift from Mrs. Margaret E. Crocker of Sacramento, of three large and beautiful oil paintings, to commemorate the life of her late husband, Hon. E. B. Crocker.

Several magnificent gifts were received during the early part of the year from the late Jacob Z. Davis, member of the Museum Committee. These consist of a series of weapons, including swords, knives, spears, battle axes, pistols, and guns in great variety, covering the early flint and matchlock period, and illustrated by examples from Egypt, Soudan, Arabia, Turkey, East India, France, Germany, and elsewhere. Twenty-

five old images and curiosities from Japan and the "Ingal's collection of Indian Relics," of more than two hundred rare and curious objects, illustrating the social and domestic life, ceremonies, superstitions, modes of dress, artistic taste, industries, and other matters appertaining to savage life among the Aborigines of North America.

To the department of Ethnology has been added a valuable and interesting collection, the liberal contribution of Dr. H. W. Yemens of this city. This consists of relics of the Esquimau and Alaskan Indians, and includes various costumes, implements of war, and of the chase, crude utensils of domestic and culinary usage, etc.

Many choice works of art and science have been loaned to the Museum during the year. To the generosity of Hon. John Daggett of this city is due the hearty thanks of the Museum and the public. Mr. Daggett has deposited with us his large and complete collection of Indian relics and curiosities. This includes the costumes, articles of personal adornments, native moneys, baskets, foods, weapons, domestic utensils, and photographs illustrating the life of the Klamath Indians, among whom these articles were collected.

The Museum is also deeply indebted to Miss S. M. Spooner of this city, for her extensive loans of valuable paintings, tapestries, antique furniture, rare ceramics, and other works of art. Her choice collection of paintings has delighted thousands of visitors during the past season.

The Museum acknowledges with gratitude the liberality of the Wells, Fargo & Co. From the date of the inauguration of the Museum, they have continued to transport specimens and parcels free of all expense. The Museum and the public are also indebted to the late Col. C. F. Crocker and Mr. H. E. Huntington for their generosity in personally paying several large freight bills on exhibits from Europe and the East. Also to the Southern Pacific Railroad, the Pacific Mail, the Oceanic and the Oriental and Occidental Steamship Companies for free transportation.

Appended to this report is a full list in detail of all donations for the year.

EXCHANGES.

The Musuem has on hand considerable duplicate and excess material which will be useful for exchange purposes. A list of such material will be published and sent to other institutions as soon as time and circumstances will permit.

During the year several minor exchanges have been made, mostly in the department of Natural History. One large and satisfactory exchange was made with the Museum at Selangor, Straits Settlements. We received from them ninety-one specimens of birds, animals and skeletons. In exchange we sent them 327 specimens of birds and animals, minerals, woods, Indian relics, and miscellaneous specimens of Natural History.

NATURAL HISTORY DEPARTMENT.

This department has been greatly improved and a very large number of new specimens added. Professor F. Gruber, as curator of the department, has most faithfully and industriously carried on his work. A large part of his time has been devoted to taxidermy work, mounting skins that have been in storage and pickle, as well as fresh skins acquired during the year, while much work has been done in restoring, preserving, embellishing and remounting old specimens.

FIRE PROTECTION.

Almost every reasonable precaution in the way of preventing fire has been taken. There are four hydrants at favorable locations within the buildings to which lines of hose are constantly attached, ready for instant use. Smoking is strictly prohibited and no fire of any kind excepting gas lights and watchman's lanterns are allowed within the buildings.

PARK EXTENSION.

In the present enlightened age it might be deemed superfluous to say anything in regard to the utility and necessity of parks and open spaces in crowded cities. Eminent sanitarians in all civilized countries have written and spoken eloquently on the subject, all agreeing that the proper ventilation of a city is a determining factor in the health of that community.

The park is a priceless boon to the weak and invalid of all classes, but particularly to the poor. To be able to go from cramped rooms and close atmospheres to regions of sunlight and verdure is an indescribable pleasure, bringing back hope as well as health to multitudes. Thousands who can never spend the time nor means to take a vacation may recuperate waning energies by physical exercise or quiet rest in the midst of delightful surroundings.

The moral influence of parks, especially with provisions for recreation, is very great. In this regard, a late eminent physician wrote: "Foul air prompts to vice and oxygen to virtue as surely as the sunlight paints the flowers of our garden. The tired workman who, after the day's labor, needs repose and the relaxation of home, is apt to be driven from it by the close atmosphere of the house and the street in which he lives. He would, if he could, get into the fresh air of the country, but as he cannot do this, he seeks the relief which drink and other excitements yield. If there were an attractive park convenient, he would seek it as instinctively as the plant stretches toward the light. The varied opportunities of a park would educate him and his family in the enjoyment of open air pleasures. Deprived of these, he and his are educated into the ways of disease and vice by the character of their surroundings."

In urging the extension of the park system in London, England, an eminent sanitarian gives the following reasons: "Parks and open spaces are the constant source of health and innocent enjoyment to all within their reach. It is difficult to conceive any lapse of time or change of circumstances which shall take away their value. They are available, if properly placed, to the very poorest classes. They are a kind of charity which cannot demoralize and cannot be abused or jobbed."

The rapid growth of cities makes the question of open spaces one of vital importance. There is not a large city anywhere which is not feeling the need of more breathing room owing to the rapid increase of the population. Unfortunately their park areas do not grow so fast and the time comes when public safety requires new spaces and they have to be provided at fabulous expense. It is the part of wisdom to be forearmed as well as forewarned.

The north and northwestern portions of San Francisco are now as well supplied with parks and pleasure-grounds possibly as any city of its size in the world. The southern and southwestern portions are, however, utterly destitute of any park or open space that can be used either for

pleasure or for recreation, although these portions are the most densely populated and are getting more crowded every year. Years ago people were satisfied with a house fronting on the street, but now houses are being built in the rear of other dwellings, covering up all vacant spaces for the recreation of children and intensifying the evil caused by overcrowding.

In the judgment of your Commissioners the time is now favorable for laying out a park system for that district and also for establishing a system of boulevards to connect the different reservations. Van Ness Avenue is now a boulevard; so is Lombard street, between Van Ness Avenue and the Presidio. First Avenue has also been set aside as a boulevard connecting the Presidio with Golden Gate Park. The opening of Twenty-fourth Avenue from Lake street to the Presidio should be pushed through to the line and continued to the McDowell Drive, and other boulevards laid out from Golden Gate Park to Mountain Lake Park and the Presidio. These should be a block wide if possible, with footpaths and bicycle roads skirting the driveway, making a magnificent parkway connecting the popular reservations, which if purchased now would, in a very few years, be considered one of the city's best assets.

Another broad boulevard should be laid out connecting the Mission district with Golden Gate Park. It should, of course, be made as direct as possible consistent with practical grades. People living in that district, desiring to visit the Park, have now to drive downtown, cross car tracks and overcrowded streets, and are compelled to travel double the distance necessary to get there by a reasonably direct roadway.

Other cities on the continent, notably Chicago and Buffalo, have had complete systems of boulevards and avenues for years, and are moving to still further extend the system beyond the built parts of the city. Buffalo has 942½ acres of parks and 19 miles of boulevards. Chicago has six large parks and several smaller ones scattered over the city, all being connected by a system of boulevards 37½ miles in extent.

THE PARK AND ITS ATTRACTIONS.

The Park to-day ranks inferior to none and may justly claim to be, in some respects, without a rival on the American continent. With the strikingly visible improvements that have characterized its rapid growth and developments since its insignificant inception, in a few years it will be recognized among the foremost parks in the world.

Superb and elegant as many other parks are, due to the lavish application of wealth in architecture and sculptural adornment, Golden Gate Park has no superior in point of its beautiful natural advantages, picturesque scenery and the mildness and salubrity of its climate.

Three decades have scarcely lapsed since this noble park was nothing but a vast wilderness, a barren waste; not a tree to mark its outline, not even a blade of grass to relieve the monotony of the shifting sandhills stretching for miles to the ocean's brink. Thus one can imagine the toil, the hardships, the privations of those pioneer workers who conceived, founded and planned it.

The vastness of the undertaking was only equal to the unsurmountable barrier that seemed to mar its success. All sorts of devices were tried for the reclamation of the shifting sand dunes. Grain crops were put in

and nearly all varieties of grasses, but with little success. What was wanted was a grass with roots of a strong fibrous nature to hold the sand in place. Yellow Lupin was tried and met with fair success, but it did not seem to take sufficient hold. The Sea Bent grass was tried, however, and the results were much more satisfactory; its strong fibrous roots took firm hold, and shooting out its sinewy rootlets, it seemed to grasp the moving sand and hold it like a vice. It took four years, however, before it proved thoroughly successful, and then under its shelter stronger plants and shrubs were planted and grew up, and what was a barren waste became fertile land clad in perennial verdure.

In justification of the assertion that Golden Gate Park is now without a rival on this continent as a pleasure resort, reference is made to some of its most striking features.

STRAWBERRY HILL.

As each succeeding year it grows grander and more beautiful, so does it grow still more in public favor, and never did it wear a more pleasant aspect than it does to-day. The luxuriant growth of the beautiful acacias and the noble pines mantling its brows has been remarkable in so short a time; so rapid, indeed, that it has been reluctantly deemed advisable to cut back and thin them out so as to open up vistas of the scenic beauties of the surrounding country. Here, amid rocks, gracefully drooping ferns thrive, as if in their native soil, their delicately green colors forming a pleasant contrast to the dark green color of the pines, with which the hill is covered.

The summit of the hill is either reached by the Driveway or by the numerous walks leading through cool places and shady groups. By a little extra exertion of climbing to the summit, the visitor is amply repaid, for there stands Sweeney's Observatory, or, as it might more appropriately be called, the Panorama, as from its windows or from the turrets above, one has a magnificent spectacle unfolded to the view. This Observatory, erected at a cost of \$15,000, is a gift from Mr. Thomas U. Sweeney.

Below is the Park, revealed in all its loveliness; its winding drives, bordered with noble trees; its forests of pine; its graceful and undulating slopes mantled in the richest verdure; its glistening lake; its wildly romantic waterfall. Looking to the west is the grand old ocean, with the fine sweep of coast line towards Ocean View. Quite distinctly can be heard the muffled roar of the waves as they roll upon the long stretch of sandy beach. Away in the distance, faintly outlined against the horizon, are the Farallone Islands, twenty-one miles away. Northward, an enchanting view of the bay and the Golden Gate, so famed in song and story, is obtained; and looking beyond, the lighthouses on Points Arena and Bonita are plainly discernible. Nearer is seen Sausalito, nestling 'neath the purple hills of Marin; while to the right is Mount Tamalpais, whose aspect on a fine day is truly a brilliant one, especially when the sun's rays fall upon it, showing beautiful effects of light and shade.

Across the bay, Oakland, Berkeley and Alameda stand out in bold relief from the dark back-ground of the hills rising in gradual undulations until the heights of Mount Diablo rise towering to the clouds. It is useless to attempt further description, for no words, however eloquently



MUSIC COURT AND KEY MONUMENT

expressed, can give anything like an adequate idea of the ever changing beauty of the scenery, which the view from Strawberry Hill affords. It must be seen to be appreciated. A ledge of rock has been quite recently constructed which, while forming a bulkhead to support the western bank of Sweeney's Observatory, adds considerably to the picturesque beauty of this much frequented spot.

Not far from the Hill, and placed upon a slight eminence, is the Prayer Book Cross, in Runic style of architecture. It is of great historical interest, and was the gift of the late Geo. W. Childs, of Philadelphia, by whom it was erected in commemoration of the first prayer offered up in consecration of the spot where Sir Francis Drake landed on the shores of Drake's Bay, on June 24, 1579.

STOW LAKE.

Stow Lake is another of the many attractive improvements introduced by the late Mr. Stow, who had always an eye for the beautiful in nature and art. He could not have selected a more appropriately lovely spot for the location of the Lake now bearing his name. It is a marvel of engineering skill, art and nature being so wonderfully blended that it is difficult to detect where either begins or ends.

The Lake is serpentine in form, and its rippling waters meander around the base of Strawberry Hill, washing its banks and winding around verdantly fringed islands, studded here and there with rugged pieces of rock, from which hang the emerald verdure of aquatic flora; while dipping to the water's edge are graceful willows, mirroring on the water's surface the imagery of their beauty. Swans, ducks and other water fowls swim and flutter over the surface of the water, the whole scene forming a picture of remarkable loveliness.

But the beauty of the scenery is not the only attraction that the Lake affords. Near the water's edge is stationed the Boat House, a rustic piece of architecture commodiously fitted up and fully equipped with pleasure boats for those who wish to indulge in aquatic explorations of the Lake.

The drive around the Lake is remarkable for the succession of gratifying vistas which meet the eye at almost every turn of the road. Such a variety of breaks and openings is hardly possible to conceive. It must be borne in mind, however, that in the construction of the Lake, its utility was not sacrificed for its ornamentation.

It acts as a reservoir, having a storage capacity of twenty-five million gallons, and is the source of the entire irrigation system throughout the park.

HUNTINGTON FALLS.

(Gift of Mr. C. P. Huntington.)

Of all the most beautiful and romantic artificial spots that can be imagined, Huntington Falls is unrivaled. Beginning at the reservoir on the summit of Strawberry Hill, the water comes tumbling and splashing over masses of rugged rock, and leaping from ledge to ledge o'erhung by drooping trees and feathery-plumed ferns peeping out from the crevices in the rocks as if to catch the spray, it rushes madly along, forming here and there little pools that lie half hidden beneath the leafy underwood, until it reaches the rustic foot bridge, where it makes a fall of fifteen feet; and then seeming to make one grand effort, it plunges down the falls about

one hundred feet, leaps high into the air and spends its force 'midst the clouds of spray, finally reaching the lake below.

ALVORD LAKELET.

(Gift of Mr. Wm. Alvord.)

What more beautiful spot could be imagined! Birds bathing in the water; humming birds, bees and butterflies regaling themselves in sipping the nectar from the flowery plants, and the air permeated with fragrant odors.

Masses of flowering shrubs, trees, ferns, wildflowers, and climbing vines on the surrounding slopes form a pleasing and sheltering background. If the visitor desires peace and tranquility, there it will be found; the hush and beautiful surroundings making one forget the strife and turmoil of the busy world without.

RECREATION VALLEY.

This favorite resort, as an extensive rural play-ground has more than fulfilled the purpose for which it was intended. Here at the outskirts of a crowded city, within easy access from every point, the youth, more especially those athletically inclined, can escape from the city's close confinement, and each in his own way, engage in such sports of manly and vigorous exercise as their fancy dictates.

Numerous baseball and football clubs are daily seen engaged in these favorite pastimes, but ere long other games, such as cricket, lacrosse and tennis, will hold sway with the others.

Unlike the great Eastern cities, where the intense cold of the winter, and the excessive heat of the summer so often interfere with outdoor sport, San Francisco has the advantage of a mild and equable climate where a continuous round of sports can be indulged in almost without interruption.

In crowded cities, public recreation grounds are moral necessities for the physical development of the younger generation. From recent statistics it is shown that in large and populous cities where such places of recreation do not exist, the death rate is much higher than in cities possessed of such pleasure grounds, or breathing spots as they have been very appropriately called.

The grounds, since they were formally opened, have never been in such perfect condition as at the present time, which is mainly due to their being constantly mowed and sprinkled. Covering an area of about twenty acres, they are girdled by slightly undulating hills and slopes on which are planted suitable trees to form shelter from the prevailing winds.

ZOOLOGICAL DEPARTMENT.

During the period that has elapsed since the introduction of this highly attractive feature, a large number of animals have been obtained, a detailed list of which will be found in the secretary's successive reports.

¹ The Deer Glen never fails to draw attention. The animals look well, and seem quite reconciled to their captivity, the extensive grounds giving them full scope for ranging, a condition essential to their activity and health. Within the enclosure is also domiciled the kangaro, whose curious evolutions cause much merriment to old and young. The moose is

now enjoying the society of the ostriches, and divides honors with his feathered rivals in the way of attracting admiration.

Adjacent to the Deer Glen is the Buffalo Paddock. Like the deer, the buffalos and their progeny are increasing, which is very gratifying, as it is only a matter of a few years when they, in their wild state, will have become extinct. The monarchs of the prairie, those noble animals, twenty years ago ranged in vast herds throughout the western plains, but when it is considered that during their rapid extermination in the years 1870 to 1875, when nearly six million were wantonly slaughtered for their hides, it is not to be wondered that so few are to be seen outside of the preserves of public parks.

The big grizzly bear, the monarch of the Sierras, entertains large crowds daily and for a captive he looks remarkably well, his confinement apparently causing him little or no anxiety. The peacocks invite considerable attention as they proudly strut about, each vying with the other for supremacy in the gorgeous display of his plumage.

The pheasants, now thoroughly domiciled, enjoy unconfined, the full range of the Park.

The Aviary which is fast becoming one of the most attractive features of the Park, contains an interesting collection, principally of song birds, although birds of other characteristics are fairly well represented. Bird life is here exemplified in all its varied phases, and no greater pleasure can be experienced than to listen to their pretty cries and little snatches of songs as they flit from tree to tree filling the air with their melodious music.

The area of the Aviary is a little over an acre, its height being thirty feet. Trees growing in it over twenty-five feet in height and a spread of some twenty feet, afford the thousands of birds, as nearly as possible their natural conditions. They have both shade and open ground to exercise in, as well as natural thickets in which to build their nests and for roosting places, all perfectly protected from both storm and butcher birds.

One of the fairest in plumage and sweetest in song is the Persian bull-bull, whose sweet notes charm the visitor every month in the year. They are doing very well, look healthy and strong and as soon as a surplus has been raised, it would be well to turn some of them loose in the open air to test their adaptability for colonizing. Nearly all, among which are the eastern thrush and robin, the nonpareil and blue birds of the south, the European grey and black thrush, the African weaver bird, the red bird of Virginia, the oriole of this State and of Mexico, the mocking bird and hosts of others are doing well and producing their kind.

In close proximity to the Aviary are the lively frolicsome squirrels gamboling around their cage, evidently thoroughly contented with their lot.

CHILDREN'S PLAY GROUND.

(Gift of the late Senator Sharon.)

The Children's Play Ground continues to be as great an attraction as ever. Crowds of delighted children are to be seen daily, joyously amusing themselves to their hearts' content amid the many contrivances that have been devised for that purpose. Here they can satisfy their childish desires beyond their wildest dreams. Those of them who have eques-

trian tastes can ride the donkeys, while those who prefer driving can be driven around in dainty little equipages drawn by goats.

Swings, merry-go-rounds, spring-boards, May poles, and many other devices, all equally amusing and beneficial to the healthy development of the younger generation, are there. In the center of the Play Ground is a rustic arbor. There the youngsters can eat their lunches while watching their playmates making merry.

Ample refreshments and restaurant accommodations are provided in the handsome Sharon Building, and from its veranda overlooking the grounds, the parents can watch their offspring at play. For those who do not bring their lunches, provision is made in the Sharon House, where such things as sandwiches, milk and other articles of the best quality can be obtained at the lowest prices. This magnificent bequest of Senator Sharon, costing \$50,000, might well be followed with advantage by other citizens.

The grounds are well sheltered from the winds by trees and thickly planted shrubbery. All amusements are provided and kept up for the children, the object being not to make any money out of these grounds, but to return all revenues collected to the children. This is done each year about Christmas-time, when a free day is given to all the poor children of the city.

JAPANESE VILLAGE.

This is another interesting memento of the Midwinter Fair, and the crowds who visit it daily are evidence of its decided popularity. It is approached through a lofty gateway (Shuro Mon), a quaint piece of highly artistic wood carving. The buildings throughout the grounds and the general surroundings are thoroughly typical of Japanese life and illustrate the love for art and fine workmanship which so characterize the natives of the land of the Rising Sun.

Miniature waterfalls, lakes and rippling brooks add to the beauty of the gardens, which are tastefully laid out and planted with great varieties of curious dwarf trees and plants.

There are also tea houses where tea and light refreshments are served in true Oriental style by Japanese attendants.

THE MUSEUM.

As a free public institution, the Memorial Museum is one of the most popular attractions which San Francisco affords, and from its rapid growth, it may be safely predicted that it will in the near future be in the front rank with similar institutions of any of our great cities.

Any one who witnessed its inauguration on the 22d of March, 1895, and sees what it is to-day, must confess that its progress has been remarkable. Nearly a million people visited the Museum during that time, a record which, though it may seem incredible, surpasses that of all other institutions of a like character.

Though the period of the existence of the Museum has been brief, it is wonderful to see gathered together an assemblage of objects so complete and representative in all branches of science, art, antiquity and natural history; and among which all intelligent classes of whatever nationality, the student, the historian and the antiquarian will find ample and varied material for great thought and study. The numerous collections are all systematically arranged and legibly labeled with descriptive matter rela-



JAPANESE GARDEN

PHOTO - GROUND - LATE MORTON K. BRY, S. P.

tive to each object. The arrangement is made not merely to please the eye, but to appeal to the understanding by exhibiting the wonders of creation as well as the actual and tangible evidences of the march of civilization.

Mr. M. H. De Young greatly deserves and has justly earned the praise of the people of California for the way he has, almost single-handed, built up an institution of which any city might well be proud, and which is, and will continue to be, a great power in educating our people to an appreciable understanding of science, antiquity, the ideal and beautiful in art and the realistic wonders of nature.

Your Commissioners desire to express their regret that the Museum, its patrons and its friends, should by the unexpected death of Mr. Jacob Z. Davis, be deprived of such a highly honored member of the Museum Committee.

THE NEW PARK LODGE.

On the north side of the main drive, near the intersection of Stanyan street, on a slight elevation, and facing the south, the New Park Lodge has been erected. Of the Moorish-Gothic style of architecture, and of a decidedly unique design, the structure presents a substantial and picturesque appearance. Topped by the red Spanish tile, with walls of coarse grained, dark grey sandstone, trimmed with a relieving shade of lighter stone, the building stands as an architectural treat to the most fastidious. Massive it may be termed, yet, in general features, grand and imposing. Immediately around it the grounds have been pleasantly and judiciously arranged. Their easy undulations are covered with groups of handsome shade trees and flowering shrubbery that are a fit setting to the structure of stone they surround. The interior finish is commensurate with its outer impression. The building is divided into two main parts: offices for the Commissioners, Superintendent, Secretary, and Engineer on one side, the other being occupied by the Superintendent and his family. The entrance to the part in which the offices are located is up a flight of steps of red sandstone from the Sespe quarry, to a veranda, this having a tile floor and a gray sandstone balustrade. Overhead, the finish is of unpolished pine. The whole appearance of the entrance is plain but rich.

Passing through the doorway one finds himself in a small lobby. The floor and walls are of oak; the floor having inlaid borders, the ceiling being tinted plaster. A hallway, finished similarly to the lobby, leads to the room in which the Commissioners hold their meetings. It is 18x30 feet, with handsomely paneled walls and ceiling finished with polished mahogany and leather. The floor being oak with inlaid borders. The furnishings are of polished mahogany with leather finishing to correspond with the walls and ceiling. The Secretary's office is 16x12 feet, with walls of polished oak, the floor being similar to that in the Commissioner's room. The Engineer's office is 20x14 feet, containing a fine drafting table 12 feet in length. The table is of oak, with a cover of soft sugar pine. The walls of the room are of tinted plaster. The Superintendent's office is 16x12 feet, the floor and trimmings being of oak, and the walls of tinted plaster.

The half story over the offices is divided into two apartments. The one being used by the park band, and containing the necessary shelves for

music, the other being used for the storage of light articles. All of the offices are fitted with plumbing of the finest quality and workmanship. Each room contains fixtures for both gas and electric lighting, and may be heated by either a register or grate.

The residence portion is two stories in height, with an entrance similar to that of the offices. The first story comprises four living rooms and the usual accessories. The second story is divided into bedrooms and a bathroom. The entire residence portion has plumbing and lighting fixtures similar to those found in the office portion. The finishings, mouldings, and tintings are tastefully chosen, and the appearance is very pleasing.

A roomy basement extends beneath the entire building, and is used for storage purposes.

CONSERVATORY.

To a large portion of the visitors to the park, the conservatory always offers the strongest attractions. Orchids, palms, ferns, lycopods, nymphææ, and water lilies are here in great variety, and from nearly all the tropical regions of the world. Prominently attractive are the orchids, caladiums, and cycads. These must invite the admiration of all lovers of the beautiful in nature. They are perfect marvels of magnificence and splendor, but they must be seen to gain anything like a fair conception of their wondrous beauty and fascination.

BAND CONCERTS.

The present music stand, on concert days, attracts immense crowds, and, though the seating capacity of the court has been considerably augmented; the promenades, slopes, and carriage concourse are always overcrowded.

The band is composed of forty-five pieces, and the musicians are all thorough masters of their profession. The selections of music are of the highest order, and the intense interest with which the band is listened to by large and appreciative audiences is evidence of its deserving popularity, and fully corroborates the distinction claimed for it of being the finest in the State, and, outside of the military bands, compares favorably with any similar organization anywhere.

POLICE AND AMBULANCE.

One of the most necessary features of a great public concourse is a complete system of police protection, and in securing this protection Golden Gate Park has been very successful. Nowhere is order and conduct more desired than in a visiting place where thousands daily retreat to seek rest and recreation.

The general deportment of the visiting public has been good, but due credit should be given to the Police Department of the city's pleasure ground, for it has more than realized expectations by keeping the park in an almost ideal state of peace and protection to the public safety.

In such an extent of forest territory it might be expected that the criminal element would best find a place to prosecute law breaking intentions, but the existence of a sufficient and capable force of well trained men has seemingly served as a preventative of any such state of affairs.

Composed of two divisions, mounted police and foot-men, every section

of the grounds is daily traversed many times. On the outskirts and toward the ocean, the mounted police are on duty; while both mounted police and footmen patrol the more covered parts of the interior. The police station occupies the site of the old casino, and has, as an annex, a branch of the Receiving Hospital, controlled by the City Board of Health. Here a physician is constantly in attendance, and the necessary operating table, general paraphernalia and ambulance wagon are at hand.

This complete system of police and medical supervision has certainly given eminent satisfaction, and the purposes for which they were established have been carried out in every detail.

MUSEUM PROPERTY.

A census taken for this report shows the total number of objects in the Museum to be 41,458, as follows :

| | |
|-------------------------------|--------|
| Colonial Rooms..... | 492 |
| Historical Rooms | 395 |
| Ecclesiastical Hall | 156 |
| Indian Hall | 2,964 |
| Oriental Hall..... | 1,009 |
| Egyptian (Græco-Roman)..... | 388 |
| Coin and General Hall | 2,498 |
| Ceramic Hall..... | 549 |
| Produce Hall | 431 |
| Forestry Hall | 285 |
| Mineral Hall | 1,560 |
| Model Room | 133 |
| Armor Room | 534 |
| Tapestry Hall | 291 |
| Art Metal Room | 352 |
| Picture Gallery..... | 383 |
| Jewel Hall | 3,212 |
| Napoleon Room | 849 |
| Royal Pavilion | 133 |
| Bardwell Hall | 462 |
| German Room..... | 39 |
| Natural History Gallery..... | 23,374 |
| Store Room (Duplicates) | 969 |

REPORT OF THE SECRETARY.

PARK OFFICE, July 1, 1897.

To the Honorable the Board of Park Commissioners :

GENTLEMEN : I have the honor to submit herewith my report for the fiscal year ending June 30, 1897.

V. V. BLOCH,
Secretary.

RECEIPTS AND DISBURSEMENTS FROM JULY 1, 1896, TO JULY 1, 1897.

RECEIPTS.

| | |
|---|--------------|
| From taxes..... | \$244,852 57 |
| From fines..... | 195 00 |
| From rent of boat house..... | 850 00 |
| From rent children's quarters..... | 1,000 00 |
| From sale old junk..... | 3 00 |
| From sale old lodge..... | 300 00 |
| From sale old casino..... | 400 00 |
| From sale shed..... | 10 00 |
| From sale furniture museum..... | 50 00 |
| From rent Park & Ocean R. R. depot..... | 100 00 |
| From sale old iron..... | 4 00 |
| Balance carried over last year..... | 578 45 |
| | \$248,343 02 |

DISBURSEMENTS.

| | |
|--|--------------|
| Construction account..... | \$124,607 60 |
| Maintenance..... | 111,875 00 |
| Stock..... | 1,800 60 |
| Miscellaneous accounts..... | 5,677 35 |
| Salaries—Superintendent and Secretary..... | 5,700 00 |
| | \$249,660 55 |

Overdraft, on account of shortage in tax appropriation, of \$1,317.53.

CONSTRUCTION ACCOUNT.

Structures.—

| | |
|------------------------------|-------------|
| Granite bridge—Granite..... | \$27,835 32 |
| Concrete..... | 5,898 51 |
| Carving..... | 625 00 |
| Setting concrete blocks..... | 29 50 |
| Model..... | 50 00 |
| Architect's services..... | \$1,897 94 |
| | \$36,336 27 |



CIDER PRESS

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| | | |
|--|----------|-------------|
| Lodge—One pair andirons..... | \$ 12 00 | |
| Brass hoods over Grates..... | 35 00 | |
| Concrete floor basement..... | 103 60 | |
| Extra work, Secretary window..... | 5 50 | |
| | | \$ 156 10 |
| Building fence and stable lodge..... | 371 72 | |
| Ladies' toilet Strawberry Hill..... | 474 91 | |
| Police and ambulance station..... | 1,885 27 | |
| Beaver pen..... | 17 50 | |
| Electric house..... | 2,449 42 | |
| Foundation for weighing scales..... | 105 95 | |
| Scales..... | 235 00 | |
| Constructing fences, labor and material..... | 576 35 | |
| Constructing locker, boat house..... | 51 63 | |
| Constructing tool house | 8 35 | |
| Concrete steps, Hayes Street entrance..... | 13 20 | |
| | | \$42,681 67 |

Waterworks.—

| | |
|---|-------------|
| New waterworks system, extension of distribution pipe system, including new pumps, tank pipe, labor, etc | \$12,277 44 |
|---|-------------|

Drainage.—

| | |
|--------------------------------|----------|
| Grounds, pipe, labor, etc..... | \$777 91 |
|--------------------------------|----------|

Roads and Walks.—

| | |
|--|-------------|
| Constructing bicycle road..... | \$5,506 35 |
| “ road—fair grounds..... | 1,941 54 |
| “ drive—tunnel..... | 935 25 |
| “ “ —lake..... | 1,922 25 |
| “ “ —24th Avenue..... | 280 70 |
| “ walk—Cypress Avenue..... | 141 00 |
| “ “ to shed..... | 39 25 |
| “ “ to tunnel..... | 1,673 50 |
| “ “ to lake..... | 247 00 |
| “ “ —Strawberry Hill..... | 190 50 |
| “ “ to 6th Avenue.. | 273 00 |
| “ “ to 9th Avenue..... | 399 50 |
| “ “ to 10th Avenue..... | 214 00 |
| Powder, fuse, hardware and cement..... | 212 30 |
| | \$13,976 14 |

Grounds.—To labor, etc., of grading, forming, dressing, trimming and fertilizing grounds, newly brought to a finished condition in this respect, and purchase of loam, manure and trees—

| | |
|--|-------------|
| Construction music concourse..... | \$ 6,046 55 |
| Improving grounds..... | 4,983 95 |
| Loam and manure..... | 11,334 13 |
| Trees, Ferns and seeds..... | 2,756 04 |
| Supplies, hardware and implements..... | 98 72 |
| Enamelled signs..... | 211 80 |
| | \$25,431 19 |

Plantations and Forests and Reclamations.—Planting trees, loam and etc., for reclaiming the sand drifts, labor and material—

| | |
|------------|-------------|
| Labor..... | \$3,115 25 |
| Loam..... | 9,021 31 |
| Trees..... | 90 00 |
| | \$12,226 56 |

Small Works.—Rockwork on island—

| | |
|-------------------------|----------|
| Labor and material..... | \$660 20 |
|-------------------------|----------|

Museum.—

| | |
|-----------------------------|-------------------|
| Annex..... | \$10,283 44 |
| Putting up marble slab..... | 516 85 |
| New cases and shelves..... | 5,740 22 |
| Collection of Wm. Webb..... | 35 93 |
| | <hr/> \$16,576 44 |

MAINTENANCE ACCOUNT.

Structures.—Labor, lumber, paints and oils, hardware, glass, etc., devoted to and used in repairs and general maintenance of buildings—

| | |
|---------------|------------------|
| Labor..... | \$3,329 10 |
| Material..... | 1,702 06 |
| | <hr/> \$5,031 16 |

Waterworks.—Labor in repairing, water-pipe, maintenance of water-works, engineer, coal, labor and material—

| | |
|--|------------------|
| Labor..... | \$3,264 30 |
| Coal..... | 2,882 05 |
| Supplies (valvoline, packing, hardware, etc.)..... | 302 64 |
| | <hr/> \$6,448 99 |

Drainage.—

| | |
|---|----------|
| Labor and material for maintenance of sewers..... | \$755 90 |
|---|----------|

Roads and Walks.—Labor and material, repairing, cleaning, dressing, sprinkling, etc., roads, walks, and concourses—

| | |
|--|-------------------|
| Maintenance of roads and walks..... | \$11,289 55 |
| Sprinkling and repairing Point Lobos road..... | 4,395 50 |
| Boulevard..... | 1,250 75 |
| Buena Vista Park road..... | 259 25 |
| Hardware, supplies, powder and fuse..... | 316 29 |
| | <hr/> \$17,511 34 |

Grounds.—Maintenance of garden and flower plots, lawns and grounds generally—

| | |
|--|-------------------|
| Labor..... | \$39,919 38 |
| Loam and manure..... | 459 00 |
| Supplies (plants, petroleum, hose, seeds, etc.)..... | 1,774 03 |
| | <hr/> \$42,152 41 |

Forests and Plantations and Reclamations.—Labor, trimming out, cutting trees and loaming same—

| | |
|----------------------|------------------|
| Labor..... | \$3,501 85 |
| Loam and manure..... | 748 15 |
| | <hr/> \$4,250 00 |

Conservatory.—The current cost of the conservatory including labor, material, fuel, etc.—

| | |
|---------------------------------|------------------|
| Labor..... | \$3,871 15 |
| Coal..... | 1,602 35 |
| Plants, bulbs and supplies..... | 279 42 |
| | <hr/> \$5,752 92 |

Policing.—The services of the regular police and extra men—

| | |
|-------------------------|-------------------|
| Labor..... | \$18,116 72 |
| Gas—Police station..... | 19 60 |
| Sundries..... | 63 50 |
| | <hr/> \$18,199 82 |

Museum.—

| | |
|--------------------|------------------|
| Labor..... | \$5,735 55 |
| Gas..... | 260 75 |
| Supplies, etc..... | 580 82 |
| Uniforms..... | 108 00 |
| | <hr/> \$6,685 12 |

Aviary, Deer, Elk, Buffalo, etc.—

| | |
|----------------|------------|
| Labor..... | \$1,491 50 |
| Supplies | 1,570 34 |
| | <hr/> |
| | \$3,061 84 |

Lake.—

| | |
|----------------------|------------|
| Labor..... | \$1,570 50 |
| Lime and cement..... | 455 00 |
| | <hr/> |
| | \$2,025 50 |

APPORTIONED ACCOUNT.

Nursery.—The entire nursery expenses, including labor, material and new stock—

| | |
|------------------------------|------------|
| Labor..... | \$4,237 00 |
| Trees, plants and Seeds..... | 143 33 |
| | <hr/> |
| | \$4,380 33 |

Stables.—Including hay and grain, attendance, veterinary services rendered—

| | |
|-----------------------------------|------------|
| Labor..... | \$3,643 90 |
| Hay and grain..... | 5,231 95 |
| Veterinary services rendered..... | 193 40 |
| Drugs..... | 42 55 |
| Harness and supplies..... | 591 40 |
| Sundries..... | 23 75 |
| | <hr/> |
| | \$9,726 95 |

MISCELLANEOUS ACCOUNT.

Stock.—

| | |
|--|------------|
| Horses, birds, boats, and rolling stock..... | \$1,800 60 |
|--|------------|

Miscellaneous.—

| | |
|---|------------|
| A number of current expenses, not chargeable under either of the foregoing heads, printing demands, office expenditures, telephone, stationery, music, electric lights, insurance on buildings, expert services, children's day, freight and general expense, office furniture..... | \$5,677 35 |
|---|------------|

BILLS PAID MONTH OF JULY, 1896.

| | |
|---|----------|
| Jas Winslow, sprinkling Point Lobos road..... | \$166 65 |
| J. McLaren, sundry expenses, freight and express..... | 28 15 |
| | <hr/> |
| | \$194 80 |

AUGUST, 1896.

| | |
|---|----------|
| Jas. Winslow, sprinkling Point Lobos road..... | \$166 65 |
| J. McLaren, sundry expenses, freight and express..... | 56 84 |
| | <hr/> |
| | \$223 49 |

SEPTEMBER, 1896.

| | |
|--|------------|
| Chas. R. Allen, coal..... | \$1,285 25 |
| Atlantic Brush Co, supplies..... | 23 00 |
| A. E. Buckman, loam..... | 749 25 |
| Baker & Hamilton, hardware..... | 110 30 |
| California Paint Co., paints and oils | 561 55 |
| California Nursery Co., trees..... | 63 80 |
| California Powder Works, powder and fuse..... | 120 27 |
| J. Caire, bottles for Museum..... | 14 58 |
| H. S. Crocker Co., stationery..... | 22 10 |
| Wm. Cluff Co., bird seed, meal and corn..... | 125 59 |
| Thos. Day & Co., one pair andirons..... | 12 00 |
| E. Denny, surveyor's stationery..... | 1 25 |
| Dunham, Carrigan & Co., hardware, pipe, etc..... | 72 80 |

| | | | |
|---|----|-------|----|
| Edison Light Power Co., electric lights..... | \$ | 10 | 75 |
| Ernecke & Salmstein, paint..... | | 30 | 00 |
| Dr. Wm. E. Egan, Veterinary services..... | | 64 | 40 |
| W. P. Fuller & Co., paints and oils..... | | 70 | 72 |
| Golden Gate Lumber Co., lumber..... | | 83 | 65 |
| L. W. H. Greene, pasture..... | | 8 | 00 |
| Goodyear Rubber Co., hose and etc..... | | 111 | 39 |
| W. E. Garratt & Co., valves..... | | 40 | 30 |
| Haight Street Pharmacy, drugs..... | | 17 | 30 |
| Holbrook, Merrill & Stetson, pipe and fittings..... | | 172 | 86 |
| H. F. Holmes, Lime Co., lime..... | | 51 | 75 |
| A. J. Johnson, Moss and trees..... | | 55 | 00 |
| David Kerr, repairing rolling stock..... | | 73 | 00 |
| K. Kelly, bread for fowls..... | | 20 | 40 |
| Leonard & Ellis, valvoline..... | | 16 | 50 |
| Thos. Lewis, powderette..... | | 20 | 00 |
| J. E. Logan, Extra window in lodge..... | | 5 | 50 |
| Le Count Bros., stationery..... | | 32 | 05 |
| McNab & Smith, drayage..... | | 14 | 87 |
| McLaren & Co., plants..... | | 9 | 18 |
| Main & Winchester, harness..... | | 14 | 50 |
| Thos. Meherin, plants and seed..... | | 70 | 77 |
| Jas. McNab, horses..... | | 550 | 00 |
| McLea Bros., harness..... | | 67 | 50 |
| Miller, Sloss & Scott, pipe and hardware..... | | 278 | 51 |
| Murphy, Grant & Co., material..... | | 25 | 95 |
| Neville & Co., burlap..... | | 39 | 85 |
| Pacific Gas Imp. Co., gas..... | | 57 | 05 |
| Pacific Telephone & Telegraph Co., telephone..... | | 46 | 00 |
| Redington & Co., drugs..... | | 23 | 16 |
| Rustic Chair Works, rustic chairs..... | | 9 | 00 |
| Studebaker Bros. Mfg. Co., repairing rolling stock..... | | 42 | 50 |
| Scott & McCord, hay and grain..... | | 1,470 | 42 |
| A. M. Selinger, vegetables..... | | 5 | 20 |
| J. Schrader, meat for birds..... | | 23 | 15 |
| J. H. Sievers, plants..... | | 100 | 75 |
| Sunset Seed & Plant Co., seed..... | | 27 | 84 |
| Sanborn, Vail & Co., frames..... | | 25 | 70 |
| W. & J. Sloane & Co., carpets..... | | 104 | 00 |
| J. D. Spreckels & Bros. Co., cement..... | | 68 | 75 |
| S. F. Lumber Co., lumber..... | | 435 | 25 |
| W. F. Webb, collection..... | | 35 | 93 |
| A. Wilkie, millwork..... | | 319 | 00 |
| R. Weill & Co., material..... | | 6 | 90 |
| Chas P. Wilcomb, sundry expenses..... | | 16 | 25 |
| Geo. B. Willcutt, music..... | | 616 | 00 |
| J. Wiechhart, repairs..... | | 1 | 00 |
| Jas. B. Winslow, sprinkling Point Lobos road..... | | 166 | 65 |
| H. M. Black, repairing rolling stock..... | | 96 | 00 |
| J. A. Roeblings Sons Co., wire..... | | 5 | 20 |
| Gladding, McBean Co., pipe..... | | 2 | 20 |
| Mrs. I. W. Kersey, plants..... | | 10 | 75 |
| L. E. Ross, plumbing..... | | 13 | 50 |
| Wm. Chapman, loam..... | | 237 | 00 |
| Jas. Quinn, loam..... | | 388 | 75 |
| A. Burke, loam..... | | 387 | 50 |
| P. Gordon, loam..... | | 150 | 00 |
| M. Dempsey, loam..... | | 53 | 75 |
| M. Pierce, loam..... | | 183 | 75 |
| P. Joyer, Loam..... | | 172 | 50 |
| O. McHugh, loam..... | | 3,989 | 70 |
| Wm. F. Fitzhugh, loam..... | | 152 | 40 |
| P. Kilroy, loam..... | | 246 | 25 |
| P. Hogan, loam..... | | 255 | 00 |
| Jas. H. O'Brien, loam..... | | 102 | 50 |



| | |
|---|-------------|
| C. A. Dallman, loam..... | \$56 25 |
| J. McLaren, sundry expenses, freight and express..... | 41 80 |
| P. Carroll, loam..... | 133 75 |
| M. Gutter, loam..... | 66 25 |
| A. Green, loam..... | 66 25 |
| A. McLennon, account granite bridge..... | 3,000 00 |
| Coxhead & Coxhead, architect services..... | 800 00 |
| T. O'Brien, loam..... | 722 00 |
| Gray Bros., cement..... | 1,500 00 |
| | <hr/> |
| | \$21,591 99 |

OCTOBER, 1896.

| | |
|---|-------------|
| Chas. R. Allen, coal..... | \$392 15 |
| L. H. Butcher & Co., paints..... | 9 00 |
| Baker & Hamilton, hardware..... | 63 80 |
| Thos. Butler, carpenter work..... | 167 50 |
| Thos. Bodkin, plastring..... | 35 00 |
| Clabrough, Golcher & Co., cartridges..... | 2 25 |
| California Paint Co., paints and oils..... | 236 67 |
| California Powder Works, powder and fuse..... | 43 92 |
| Wm. Cluff Co., bird seed, meal and etc..... | 74 11 |
| Edison Light & Power Co., electric lights..... | 7 05 |
| W. P. Fuller & Co., paints and oils..... | 136 33 |
| W. F. Garratt & Co., valves..... | 38 40 |
| Golden Gate Lumber Co., lumber..... | 40 99 |
| Fireman's Fund Insurance Co., insurance..... | 120 00 |
| Hamburg, Bremen Insurance Co., insurance..... | 120 00 |
| Haight Street Pharmacy, drugs..... | 3 10 |
| Holbrook, Merrill & Stetson, hardware and etc..... | 5 00 |
| K. Kelly, bread for fowls..... | 14 00 |
| Le Count Bros., stationery..... | 17 10 |
| McLea Bros., Harness..... | 106 57 |
| Miller, Sloss & Scott, hardware and etc..... | 240 62 |
| Neville & Co., burlap..... | 7 00 |
| Pacific Telephone & Telegraph Co., telephone..... | 15 50 |
| D. O'Day, loam..... | 254 00 |
| Jas. H. O'Brien, loam..... | 7 50 |
| F. Riley, model for bridge..... | 50 00 |
| Studebaker Bros. Mfg. Co., repairing rolling stock..... | 19 50 |
| Sunset Seed & Plant Co., seeds and plants..... | 85 60 |
| S. F. Lumber Co., lumber..... | 174 24 |
| A. M. Selinger, vegetables..... | 4 90 |
| A. Wilkie, millwork..... | 425 14 |
| G. B. Willcut, music..... | 185 00 |
| Wm. T. Fitzhugh, loam..... | 60 30 |
| T. O'Brien, loam..... | 109 00 |
| Chas. P. Wilcomb, museum express..... | 6 40 |
| Pacific Gas Imp. Co., gas..... | 15 05 |
| H. Bouton, horse..... | 65 00 |
| Inyo Marble Co. marble slab..... | 516 85 |
| Jas. Winslow, sprinkling Point Lobos Road..... | 166 65 |
| W. H. Chapman, loam..... | 237 00 |
| Dunham, Carrigan & Hayden Co., hardware, etc..... | 8 00 |
| Sullivan Sons, loam..... | 1,252 86 |
| J. McLaren, sundry expenses, freight and express..... | 61 21 |
| J. D. Spreckels & Bros. Co., cement..... | 65 00 |
| Scott & McCord, hay and grain..... | 728 01 |
| A. M. McLennan, account granite bridge..... | 5,500 00 |
| Coxhead & Coxhead, Architect's services..... | 100 00 |
| | <hr/> |
| | \$11,993 26 |

NOVEMBER, 1896.

| | |
|-----------------------------------|----------|
| Chas. R. Allen, coal..... | \$433 90 |
| Atlantic Brush Co., supplies..... | 14 50 |

| | |
|---|----------|
| D. H. Bibb Lumber Co., lumber..... | \$412 35 |
| Baker & Hamilton, hardware..... | 53 09 |
| Wm. Cluff Co., bird seed..... | 49 70 |
| Dunham, Carrigan & Hayden Co., hardware..... | 63 87 |
| Jas. E. Fink, manure..... | 28 00 |
| W. P. Fuller Co., paints and oils..... | 331 30 |
| Gladding, McBean & Co., chimney pipe..... | 7 06 |
| Haight Street Pharmacy, drugs..... | 5 55 |
| E. C. Hughes, printing..... | 4 25 |
| Holbrook, Merrill & Stetson, hardware..... | 28 87 |
| David Kerr, repairing rolling stock..... | 19 00 |
| Kent Lubricant Co., oil..... | 9 05 |
| Le Count Bros., stationery..... | 5 95 |
| Leonard & Ellis, valvoline..... | 11 25 |
| Murphy, Grant & Co., material..... | 81 38 |
| Main & Winchester, harness and supplies..... | 18 00 |
| Thos. Meherin, seed..... | 54 56 |
| Miller, Sloss & Scott, hardware..... | 46 27 |
| Pacific Gas Imp. Co., gas..... | 13 30 |
| A. M. Selinger, vegetables..... | 2 60 |
| Sunset Seed & Plant Co., bird seed..... | 10 00 |
| S. F. Lumber Co., lumber..... | 54 96 |
| J. H. Sievers, plants..... | 40 00 |
| J. Schrader, meat for birds and animals..... | 23 15 |
| Geo. B. Willcutt, music..... | 185 00 |
| J. F. Wilson, metal polish..... | 5 00 |
| Scott & McCord, hay and grain..... | 1,234 13 |
| Dow Steam Pump Works, new pumps..... | 9,803 00 |
| J. D. Spreckels Bros. & Co., cement..... | 65 00 |
| S. G. Gump, reguilding frames..... | 47 50 |
| Sanborn, Vail & Co., frames..... | 85 00 |
| G. W. Clark, wall paper..... | 9 00 |
| A. J. Johnson, trees..... | 113 50 |
| S. E. Hopper, glass..... | 20 00 |
| Edison Light & Power Co., electric lights..... | 8 70 |
| Jas. Winslow, sprinkling Point Lobos Road..... | 166 65 |
| California Paint Co., paints and oils..... | 80 30 |
| Sullivan & Sons, loam..... | 771 24 |
| J. McLaren, Sundry expenses, freight and express..... | 112 78 |
| Carl Purdy, tree seeds..... | 25 25 |
| K. Kelly, bread..... | 6 60 |
| McLea Bros., harness and supplies..... | 95 93 |
| Alex McCord, horse..... | 200 00 |
| Gray Bros., cement..... | 2,185 00 |
| McHugh & Sheerin, loam..... | 481 95 |
| Chas. P. Wilcomb, museum expenses..... | 23 30 |
| A. McLennan, account granite bridge..... | 5,000 00 |

 \$22,557 24

DECEMBER, 1896.

| | |
|---|----------|
| Chas. R. Allen, coal..... | \$258 15 |
| Atlantic Brush Co., supplies..... | 28 85 |
| Baker & Hamilton, hardware..... | 6 20 |
| H. M. Black & Co., repairing R. S..... | 12 50 |
| California Paint Co., paints and oils..... | 130 49 |
| Wm. Cluff Co., bird seed and meal, etc..... | 75 71 |
| H. Dutard, wheat and oats..... | 68 52 |
| Dunham, Carrigan & Hayden Co., hardware..... | 40 52 |
| Edison Light & Power Co., electric lights..... | 9 80 |
| Golden Gate Woolen Manufacturing Co., blankets..... | 8 00 |
| Holbrook, Merrill & Stetson, hardware..... | 41 93 |
| Haight Street Pharmacy, drugs..... | 8 00 |
| Le Count Bros., stationery..... | 7 15 |
| Miller, Sloss & Scott, hardware..... | 45 91 |
| Pacific Telephone & Telegraph Co., telephone..... | 10 50 |

| | |
|--|----------|
| Relington & Co., drugs..... | \$14 90 |
| John A. Roeblings Sons Co., wire cloth..... | 86 17 |
| Sunset Seed and Plant Co., labels..... | 1 50 |
| Studebaker Bros. Manufacturing Co., repairs R. stock..... | 2 75 |
| Sanborn, Vail & Co., frames..... | 26 20 |
| Schaezlein & Burridge, police stars..... | 12 00 |
| San Francisco Lumber Co., lumber..... | 134 35 |
| Geo. B. Wilcutt, music..... | 185 00 |
| Pacific Gas Improvement Co., gas..... | 36 40 |
| J. Porcher, caps for attendants, museum..... | 8 00 |
| Chas. Adams, uniforms for attendants, museum..... | 100 00 |
| D. H. Bibb Lumber Co., lumber..... | 37 75 |
| G. W. Clark & Co., wall paper..... | 8 73 |
| E. C. Hughes, printing..... | 11 25 |
| W. W. Montague, brass hooks..... | 35 00 |
| W. P. Fuller & Co., paints and oils..... | 2 10 |
| P. Kilroy, manure..... | 35 00 |
| Jas. Winslow, sprinkling Point Lobos Road..... | 166 65 |
| R. Phillips, roofing..... | 60 60 |
| Gladding, McBean & Co., roofing tile..... | 20 00 |
| West Coast Wire & Iron Works, wire baskets and wire cloth..... | 48 45 |
| C. Curtin, supplies..... | 3 90 |
| A. Wilkie, millwork..... | 432 45 |
| Ed. Denny & Co., surveyor's stationery..... | 35 45 |
| L. E. Ross, plumbing..... | 83 40 |
| K. Kelly, bread for fowls..... | 6 60 |
| C. P. Wilcomb, museum expenses..... | 18 20 |
| Scott & McCord, hay and grain..... | 202 50 |
| A. Wolf, cases for museum..... | 1,978 85 |
| H. Melde, trees..... | 35 00 |
| A. M. Selinger, vegetables..... | 3 10 |
| A. McLean, fern roots..... | 450 00 |
| A. McLennan, account granite bridge..... | 3,750 00 |
| Geo. M. Murphy, Children's Day..... | 958 00 |

\$9,865 63

JANUARY, 1897

| | |
|---|---------|
| Wm. Cluff Co., seed and meal for birds..... | \$39 67 |
| Holbrook, Merrill & Stetson, hardware..... | 34 16 |
| Dunham, Carrigan & Hayden Co., hardware..... | 24 00 |
| J. Schrader, meat for birds and animals..... | 23 15 |
| H. S. Crocker Co., stationery..... | 21 15 |
| McLea Bros., harness and supplies..... | 20 25 |
| Pacific Telephone & Telegraph Co., telephone..... | 20 65 |
| Paraffine Paint Co., paint..... | 18 00 |
| Goodyear Rubber Co., hose and supplies..... | 16 07 |
| Main & Winchester, harness and supplies..... | 15 50 |
| L. E. Clawson & Co., chimney pipes..... | 12 50 |
| G. W. Clark & Co., wall paper..... | 10 65 |
| H. Loewenhayn & Co., nuts..... | 11 55 |
| Edison Light & Power Co., electric lights..... | 8 35 |
| Leonard & Ellis, valvoline..... | 7 50 |
| K. Kelly, bread for fowl..... | 7 65 |
| California Paint Co., paint..... | 6 75 |
| Sunset Seed and Plant Co., seed..... | 5 05 |
| Chas P. Wilcomb, museum expenses..... | 3 20 |
| Sanborn, Vail & Co., frames..... | 3 00 |
| A. M. Selinger, vegetables..... | 3 10 |
| W. P. Fuller & Co., paints and oils..... | 11 10 |
| Hoffman, Dahl & Co., cases for museum..... | 2520 40 |
| Sullivan Sons, loam..... | 981 54 |
| L. McLean, fern roots..... | 475 00 |
| H. Cowell & Co., lime..... | 388 60 |
| Chas. R. Allen, coal..... | 366 25 |
| J. Tuttle, loam..... | 249 00 |

| | |
|---|------------|
| C. S. Laumeister, barley and bran..... | \$232 39 |
| Scott & McCord, hay and grain..... | 196 84 |
| Jas. Winslow, sprinkling Point Lobos road..... | 166 65 |
| Geo. B. Willcutt, music..... | 138 75 |
| Del Monte Milling Co., oats..... | 128 55 |
| O. McHugh, loam..... | 121 00 |
| D. W. Folger, expert services..... | 100 00 |
| Baker & Hamilton, hardware..... | 95 60 |
| J. McLaren, sundry expenses, freight and express..... | 82 70 |
| San Francisco Lumber Co., lumber..... | 81 89 |
| Dr. Wm. F. Egan, veterinary services..... | 77 00 |
| L. E. Ross, plumbing..... | 70 16 |
| D. H. Bibb Lumber Co., lumber..... | 58 58 |
| Pacific Gas Improvement Co., gas..... | 46 90 |
| Thomas Meherin, seed..... | 42 83 |
| Miller, Sloss & Scott, hardware..... | 37 77 |
| Le Count Bros., stationery..... | 36 90 |
| American Salt Co., salt..... | 6 50 |
| Claybrough, Golcher & Co., cartridges..... | 1 60 |
| A. McLennan, acct. granite bridge..... | 1,000 00 |
| | \$8,037 90 |

FEBRUARY, 1897.

| | |
|---|----------|
| Chas. R. Allen, coal..... | \$270 25 |
| Baker & Hamilton, hardware..... | 13 28 |
| Wm. Cluff Co., bird seed..... | 47 55 |
| California Powder Works, powder..... | 1 90 |
| Dunham, Carrigan & Hayden Co., hardware..... | 29 20 |
| Ed. Denny & Co., surveyor's stationery..... | 1 25 |
| Fairbanks, Morse & Co., scale..... | 235 00 |
| W. P. Fuller & Co., paints and oils..... | 1 05 |
| Gladding, McBean & Co., tiles..... | 52 00 |
| Gray Bros., cement..... | 842 49 |
| Holbrook, Merrill & Stetson, hardware..... | 15 70 |
| E. C. Hughes, printing..... | 22 25 |
| J. Horstman Co., lime..... | 18 00 |
| A. J. Johnson, trees..... | 60 00 |
| E. Kenny, manure..... | 115 00 |
| Thos. H. Lord, repairing clock..... | 2 50 |
| Le Count Bros., stationery..... | 21 00 |
| Miller, Sloss & Scott, hardware..... | 11 75 |
| McHugh & Sheerin, manure..... | 151 20 |
| Carl Purdy, seeds..... | 11 63 |
| Pacific Telephone & Telegraph Co., telephone..... | 17 50 |
| Paraffine Paint Co., paint..... | 41 60 |
| Sanborn, Vail & Co., frames..... | 2 70 |
| Sunset Seed and Plant Co., seeds..... | 16 80 |
| Wiester & Co, filters and swing..... | 9 50 |
| Geo. B. Willcutt, music..... | 185 00 |
| Geo. Davidson, expert's services on granite bridge..... | 75 00 |
| D. H. Bibb Lumber Co., lumber..... | 134 23 |
| H. Cowell & Co., lime..... | 17 20 |
| L. McLean, fern roots..... | 85 00 |
| L. E. Clawson & Co., chimney pipes..... | 3 25 |
| Pacific Gas Improvement Co., gas..... | 26 60 |
| C. E. Grunsky, expert's services on granite bridge..... | 60 00 |
| J. McLaren, sundry expenses, freight and express..... | 15 53 |
| Kelway & Son, seed..... | 19 00 |
| H. M. Black & Co., R. S..... | 14 80 |
| Scott & McCord, hay and grain..... | 254 64 |
| McLea Bros., harness..... | 12 40 |
| Studebaker Bros. Manufacturing Co., repairing R. S..... | 63 00 |
| K. Kelly, bread for fowl..... | 6 60 |
| Coxhead & Coxhead, architect's services..... | 679 92 |

\$3,663 27



MARCH, 1897.

| | |
|--|------------|
| Gray Bros., concrete..... | \$1,474 62 |
| Miller, Sloss & Scott, hardware..... | 793 45 |
| Scott & McCord, hay and grain..... | 279 98 |
| M. A. Le Jeune, carving granite bridge..... | 250 00 |
| W. P. Fuller & Co., paints and oils..... | 194 20 |
| Chas. R. Allen, coal | 164 70 |
| California Paint Co., paints and oils..... | 113 15 |
| Gladding & McBean Co., sewer pipe..... | 107 66 |
| California Powder Works, powder and fuse..... | 90 30 |
| Del Monte Milling Co., oats..... | 97 74 |
| Baker & Hamilton, hardware..... | 89 04 |
| C. S. Laumeister, barley, etc..... | 88 69 |
| A. Wilkie, millwork..... | 88 70 |
| J. McLaren, general express, freight and express..... | 88 99 |
| J. D. Spreckles & Bros., Company, cement..... | 68 75 |
| R. Phillips, repairing tile roof..... | 68 00 |
| F. Ludemann, trees..... | 57 60 |
| A. J. Johnson, trees..... | 55 00 |
| Geo. B. Willcutt, music..... | 50 00 |
| Sunset Seed and Plant Co., plants and seed..... | 42 50 |
| Dunham, Carrigan, Hayden & Co., hardware..... | 36 65 |
| A. Doble & Co., grates..... | 33 80 |
| J. Forsyth, trees..... | 31 00 |
| D. McKay, setting concrete blocks..... | 29 50 |
| H. Melde, plants..... | 25 00 |
| San Francisco Lumber Co., lumber..... | 22 00 |
| Atlantic Brush Co., supplies..... | 21 00 |
| Pacific Gas Improvement Co., gas..... | 18 20 |
| J. Quane, painting signs..... | 18 55 |
| Pacific Telephone & Telegraph Co., telephone..... | 17 70 |
| C. P. Wilcomb, museum expenses..... | 16 64 |
| A. McLea, harness..... | 13 75 |
| P. Henderson & Co., seed..... | 13 39 |
| C. M. Volkman, seed..... | 12 15 |
| Leonard & Ellis, valvoline..... | 9 00 |
| H. Loewenhayn & Co., nuts..... | 8 20 |
| Le Count Bros., stationery..... | 8 75 |
| K. Kelly, bread for fowl..... | 7 20 |
| C. Curtin, material..... | 6 91 |
| Carl Purdy, moss..... | 6 00 |
| J. C. Vaughan, seed..... | 5 69 |
| H. M. Black & Co., repairing R. S..... | 4 90 |
| A. M. Selinger, vegetables..... | 3 90 |
| E. C. Hughes, printing..... | 3 50 |
| G. W. Clark, wall paper..... | 2 88 |
| Holbrook, Merrill & Stetson, supplies..... | 2 70 |
| San Francisco Gas & Electric Co., electric lights..... | 10 35 |
| Henshaw, Bulkley & Belcher, grease..... | 1 00 |
| | <hr/> |
| | \$4,672 38 |

APRIL, 1897.

| | |
|--|----------|
| Chas. R. Allen, coal..... | \$251 70 |
| D. H. Bibb Lumber Co., lumber..... | 31 81 |
| Baker & Hamilton, hardware..... | 76 38 |
| Wm. Cluff Co., bird seed and meal..... | 52 96 |
| California Paint Co., paints and oils..... | 29 95 |
| California Nursery Co., trees..... | 203 65 |
| Dunham, Carrigan & Hayden Co., hardware..... | 59 38 |
| Del Monte Milling Co., oats..... | 50 44 |
| W. P. Fuller & Co., paints and oils..... | 281 00 |
| Goodyear Rubber Co., hose, etc..... | 115 05 |
| J. Horstmann & Co., line..... | 18 00 |
| Haight Street Pharmacy, drugs..... | 6 10 |

| | |
|---|----------|
| E. C. Hughes, printing..... | \$4 00 |
| Holbrook, Merrill & Stetson, supplies..... | 2 26 |
| J. Kelso, manure | 9 00 |
| Kelway & Sons, plants and seed..... | 135 30 |
| C. L. Laumeister, barley and bran..... | 236 58 |
| Le Count Bros., stationery..... | 15 40 |
| Main & Winchester, harness and supplies..... | 22 15 |
| Miller, Sloss & Scott, hardware..... | 54 10 |
| Pacific Gas Improvement Co., gas..... | 23 10 |
| J. A. Roebling Sons Co., wire rope..... | 40 91 |
| J. Rock, trees..... | 50 00 |
| A. M. Selinger, vegetables..... | 2 60 |
| San Francisco Gas & Electric Co., electric lights..... | 7 40 |
| San Francisco Lumber Co., lumber..... | 25 12 |
| J. T. Wilson, metal polish..... | 9 00 |
| Geo. B. Willcutt, music..... | 150 00 |
| Claybrough, Golcher & Co., cartridges..... | 2 00 |
| Thos. Meherin, plants and seed..... | 95 29 |
| Studebaker Bros. Manufacturing Co., repairing R. S..... | 12 00 |
| H. Cowell & Co., lime..... | 26 40 |
| Sunset Seed and Plant Co., seed..... | 16 80 |
| Doane & Co., manure..... | 17 50 |
| A. McLea, harness..... | 84 10 |
| C. Purdy, trees..... | 5 00 |
| K. Kelly, bread..... | 6 60 |
| J. McLaren, general expenses, freight and express..... | 57 28 |
| C. P. Wilcomb, museum expenses..... | 11 45 |
| F. A. Miller, tree seeds..... | 2 65 |
| J. H. Sievers, plants..... | 40 75 |
| Redington & Co., drugs..... | 8 05 |
| A. Barthelet, repairing museum exhibits..... | 5 30 |
| A. Wilkie, millwork..... | 262 57 |
| Buckman Contracting Co., loam..... | 1,347 00 |
| J. Schrader, meat for birds and animals..... | 23 15 |
| L. E. Ross, plumbing..... | 23 00 |
| McHugh & Sheerin, manure..... | 96 00 |

 \$4,106 26

MAY, 1897.

| | |
|--|----------|
| Chas. R. Allen, coal..... | \$613 25 |
| Atlantic Brush Co., supplies..... | 5 50 |
| Baker & Hamilton, hardware..... | 130 22 |
| Baker Enamelling & Manufacturing Co., enamelled signs..... | 211 80 |
| Bowers Rubber Co., hose, etc..... | 289 25 |
| H. Cowell & Co., lime..... | 119 29 |
| Coburn, Tevis & Co., petroleum and oils..... | 300 93 |
| Wm. Cluff Co., bird seed..... | 86 71 |
| California Paint Co., paints and oils..... | 297 80 |
| Claybrough, Golcher & Co., cartridges..... | 4 00 |
| Dunham, Carrigan & Hayden Co., hardware..... | 96 78 |
| J. J. Dowling, asphaltum work | 13 20 |
| H. Dutard, oats..... | 52 21 |
| W. P. Fuller & Co., paints and oils..... | 53 05 |
| Goodyear Rubber Co., hose and fittings..... | 206 24 |
| G. Greene, pasturage..... | 20 50 |
| W. T. Garrett & Co., garden valves..... | 193 90 |
| Golden West Iron Works, fencing..... | 121 00 |
| Holbrook, Merrill & Stetson, boiler..... | 6 67 |
| David Kerr, repairing rolling stock..... | 72 50 |
| Le Count Bros., stationery..... | 26 60 |
| Main & Winchester, harness supplies..... | 67 75 |
| Miller, Sloss & Scott, hardware, pipe, etc..... | 64 84 |
| Peters & Cowie, straw..... | 17 10 |
| Pacific Telephone & Telegraph Co., telephone..... | 31 40 |
| Redington & Co., drugs..... | 6 30 |

| | |
|--|----------|
| J. D. Spreckles & Bros., Co..... | \$641 25 |
| San Francisco Lumber Co., lumber..... | 99 74 |
| Scott & McCord, hay and grain..... | 232 15 |
| Taber Photograph Co., photographs..... | 18 00 |
| Union Iron Works, repairing machinery..... | 59 90 |
| Jon. Woodlock, fencing..... | 129 60 |
| Geo. B. Willcutt, music..... | 185 00 |
| Pacific Gas Improvement Co., gas..... | 21 35 |
| A. M. Selinger, vegetables..... | 2 60 |
| A. Wilkie, millwork..... | 112 62 |
| Sanborn, Vail & Co., frames..... | 13 20 |
| Sunset Seed and Plant Co., seed..... | 1 25 |
| Leonard & Ellis, valvoline..... | 36 00 |
| J. McLaren, sundry express, freight and express..... | 43 95 |
| K. Kelly, bread and salt for animals and birds..... | 9 85 |
| Wm. Patterat, plants..... | 15 00 |
| E. Kenny, manure..... | 198 00 |
| A. Burke, loam..... | 348 00 |
| T. M. McCloskey, manure and loam..... | 214 60 |
| A. Wolf, case for Museum..... | 150 75 |
| H. S. Crocker, stationery..... | 110 00 |
| J. A. Røblings Sons Co., wire cloth..... | 11 03 |
| O. McHugh, loam..... | 847 20 |
| T. O'Brien, loam..... | 184 60 |
| McHugh & Sheerin, loam and manure..... | 351 30 |

\$7,238 18

JUNE, 1897.

| | |
|---|------------|
| A. McLennon, Granite Bridge..... | \$9,585 32 |
| Atlantic Brush Co., supplies..... | 9 80 |
| Bowers Rubber Co., matting..... | 10 24 |
| H. M. Black & Co., repairing R. S..... | 47 75 |
| C. Curtin, material..... | 5 32 |
| Wm. Cluff Co., bird seed and meal..... | 71 61 |
| H. Cowell & Co., lime..... | 47 63 |
| Claybrough, Golcher & Co., cartridges..... | 6 00 |
| De Kalb Fence Co., fencing..... | 40 80 |
| L. E. Ross, plumbing..... | 213 24 |
| Del Monte Milling Co., oats..... | 44 64 |
| Gorham Rubber Co., gaskets..... | 10 50 |
| W. T. Garratt & Co., waste pipe fittings..... | 11 30 |
| Haight St. Pharmacy, drugs..... | 2 50 |
| Le Count Bros., stationery..... | 11 00 |
| H. Lowenhayn & Co., nuts..... | 15 49 |
| C. S. Laumeister, barley and bran..... | 275 38 |
| Main & Winchester, harness and supplies..... | 13 50 |
| L. G. McMullen, loam and manure..... | 127 00 |
| W. A. Manda, plants and seed..... | 36 95 |
| D. O'Day, manure..... | 100 00 |
| Pacific Telephone & Telegraph Co., telephone..... | 15 55 |
| Pacific Rolling Mill Co., roof trusses and castings, rods and beam girders... | 1,255 10 |
| Sanborn, Vail & Co., frames..... | 11 20 |
| Sunset Seed and Plant Co., plants and seeds..... | 12 70 |
| San Francisco Gas & Electric Co., electric lights..... | 5 55 |
| C. M. Volkman, bird seed, etc..... | 62 75 |
| Geo. B. Willcutt, music..... | 231 25 |
| C. P. Wilcomb, museum expenses..... | 13 65 |
| Dr. Wm. F. Egan, veterinary services..... | 52 00 |
| Pacific Gas Improvement Co., gas..... | 22 40 |
| M. A. Le Jeune, carving granite bridge..... | 375 00 |
| South & Burton, horse..... | 65 00 |
| American Salt Co., salt..... | 1 75 |
| K. Kelly, bread and salt for birds and animals..... | 8 55 |
| Coxhead & Coxhead, architect's services..... | 318 02 |
| J. H. Sievers, tree ferns and plants..... | 525 00 |

| | |
|---|----------|
| A. Wilkie, millwork..... | \$492 68 |
| J. McLaren, general expenses, freight and express..... | 42 00 |
| Chas. R. Allen, coal..... | 691 45 |
| J. E. Carey, brick..... | 847 00 |
| Wm. McCall, labor laying bricks..... | 848 50 |
| E. Kenny, manure..... | 165 00 |
| F. H. Huffman, harness..... | 25 00 |
| M. Dempsey, loam..... | 113 10 |
| T. M. McCloskey, loam..... | 191 10 |
| L. & M. Alexander & Co., typewriter, desk and stationery..... | 117 75 |
| P. Kilroy, loam..... | 84 50 |
| P. Hogan, loam..... | 72 80 |
| J. Kempton, loam..... | 139 10 |
| Sheerin & McHugh, loam and manure..... | 904 75 |
| San Francisco Launch Co., boats..... | 100 00 |
| Jos. McBoyle, house-pipes..... | 21 00 |
| A. Burke, loam..... | 562 50 |
| O. McHugh, loam..... | 2,495 10 |
| M. Connelly, loam..... | 20 00 |
| Pacific Tank Co., tank..... | 112 10 |
| Jas. Winslow, horses..... | 325 00 |
| Geo. P. McNear, horse..... | 200 00 |
| Jas. Denman, horse..... | 200 00 |

\$22,396 88

| | |
|---------------------------------------|-------------|
| Length of New Driveways made..... | 2.24 miles. |
| “ “ Park System of Driveways..... | 25.73 “ |
| “ “ New Walks made..... | 1.91 “ |
| “ “ Park System of Walks..... | 18.86 “ |
| “ “ Bicycle paths made..... | 1 99 “ |
| “ “ Park System of Bicycle paths..... | 4.81 “ |

WATER PIPE LAID DURING YEAR 1896-'97.

| | |
|------------|----------|
| 8 in..... | 451 1-12 |
| 4 in..... | 1,560 |
| 3 in..... | 33 |
| 2 in..... | 3,536½ |
| 1½ in..... | 4,744⅔ |
| 1¼ in..... | 1,636¼ |
| 1 in..... | 531¼ |
| ¾ in..... | 104½ |
| ½ in..... | 105½ |
| <hr/> | |
| 12,684¾ | |

LOAM AND MANURE PURCHASED DURING YEAR 1896-'97.

| | | |
|-------------|----------|-------------|
| | cu. yds. | cost. |
| Loam..... | 31,641 | \$19,518 54 |
| Manure..... | 4 807 | 2,044 05 |
| <hr/> | | |
| 36,448 | | \$21,562 59 |



COLLECTION OF CARVED IVORIES
GIFT OF JOHN L. BARDWELL

PHOTO-CHROMO-LIFE, BRITTON & REY, S.F.

STOCK ON HAND JUNE 30, 1897.

| | | | |
|-------------------------------------|-----|---------------------------------------|-----|
| Axes | 12 | Harness, buggy, single sets..... | 3 |
| Anvils..... | 4 | Insecticide, pump, barrel and sprayer | 1 |
| Augers, post..... | 1 | Jumpers..... | 8 |
| Atomizers | 1 | Ladders | 22 |
| Brushes, scrubbing..... | 8 | Lettering Pencils..... | 6 |
| " paint | 38 | Lead Ladles..... | 3 |
| " Dandruff | 12 | " Pot..... | 1 |
| " floor..... | 2 | Lanterns | 3 |
| Brooms | 28 | Lamps | 6 |
| Barrows, hand..... | 4 | Lathe and Attachments | 1 |
| " wheel..... | 46 | Mattocks..... | 7 |
| Blocks and Tackles..... | 6 | Mop Handles..... | 2 |
| Braces | 2 | Mops..... | 6 |
| Bits | 6 | Mowers, Hand..... | 11 |
| Bellows | 1 | " Horse | 2 |
| Button Set | 1 | Nozzles | 29 |
| Buggies | 3 | Nails, lbs..... | 700 |
| Carts, hand..... | 1 | Nuts | 100 |
| Clamps | 3 | Nail Extractors..... | 2 |
| Carriage Bolts..... | 400 | Oil Cans | 2 |
| Chisels | 7 | " Stoves..... | 2 |
| Compass | 1 | " Filter | 1 |
| Carpenter's Bench and Vice..... | 1 | " Tanks, zinc..... | 3 |
| Callipers pairs | 4 | Putty Knives | 2 |
| Currycombs | 4 | Pails | 12 |
| Crowbars..... | 8 | Pincers | 5 |
| Diamonds | 2 | Paint, lbs..... | 700 |
| Dusters | 2 | Picks..... | 5 |
| Drop Cloths | 5 | Pipe cutters..... | 2 |
| Drills | 13 | " taps..... | 4 |
| Drill Press | 1 | Plows | 2 |
| Dump Carts and Harness..... | 7 | Portable forges..... | 2 |
| Draw Knife | 1 | Pumps..... | 3 |
| Dust Pans and Brushes..... | 3 | Punches & Chisels | 6 |
| Forks, Hay..... | 20 | Rakes, steel..... | 23 |
| " Spading | 19 | Reducers..... | 6 |
| Files | 10 | Rakes, grass..... | 9 |
| Furnace Tools..... | 10 | Rock Rollers..... | 2 |
| Forks, Draw | 1 | Shovels..... | 143 |
| Furnace | 1 | Spades..... | 62 |
| Flatter | 1 | Syringes | 3 |
| Funnels..... | 2 | Sulphur bellows..... | 1 |
| Figures, set of steel..... | 1 | Sieves | 7 |
| Floor Scrapers | 1 | Shears | 28 |
| Garden Lines | 2 | Sod cutters..... | 2 |
| Glass Cutters..... | 1 | Scales | 3 |
| Gas Stoves | 3 | Straight edges..... | 1 |
| Governor..... | 1 | Sponges..... | 8 |
| Hatchets | 8 | Sickles..... | 3 |
| Hoes, Draw | 31 | Scythes..... | 11 |
| " Push | 18 | Saws..... | 19 |
| Hammers | 45 | Screw drivers..... | 5 |
| Hack-knives Glaziers'..... | 2 | Spirit level..... | 1 |
| Hose, in lengths..... | 55 | Stocks and Dies, sets..... | 4 |
| Hinges, pairs | 28 | Soldering, sets..... | 13 |
| Harrows | 3 | Sprinkling wagons | 11 |
| Horseshoes, kegs | 10 | Sand | 16 |
| " nails, lbs | 70 | Spring | 1 |
| Hand Punches..... | 13 | Swages, sets..... | 7 |
| Hooks, iron | 2 | Sand scrapers..... | 8 |
| " stone | 2 | Shoeing tools, set..... | 1 |
| Harness, carriage, double sets..... | 1 | Square | 1 |
| " draught, " "..... | 18 | Shoeing rasps..... | 4 |

STOCK ON HAND JUNE 30, 1897—Continued.

| | | | |
|------------------------|----|------------------------------|-------|
| Stones, (whet)..... | 2 | Trucks, hand..... | 2 |
| “ (grind)..... | 3 | Tobacco fumigator..... | 1 |
| Skinning knife..... | 1 | Thermometer, engineer's..... | 1 |
| Spanners..... | 2 | Vices..... | 5 |
| Surface plates..... | 2 | Wrenches..... | 44 |
| Tampers..... | 10 | Watering cans..... | 6 |
| Trowels..... | 15 | Wire stretchers..... | 1 |
| Tape lines..... | 1 | Weed cutters..... | 2 |
| Tackles and hooks..... | 4 | Wagonette..... | 1 |
| Tongs..... | 27 | Wheelbarrows..... | 1,000 |
| Tackle, chain..... | 1 | | |

GRAIN AND HAY ON HAND

120 bags Barley
20 tons loose Hay

40 bales Hay
17 bags Bran

HORSES.

Horses on hand..... 49

CHILDREN'S QUARTERS—STOCK AND FIXTURES.

| | | |
|-----------------------------------|---|------------------------|
| 22 Donkeys. | 2 Gasoline Stoves. | 2 Lemon Squeezers. |
| 17 Goats. | 3 Tubs. | 2 Ice Cream Jars. |
| 18 Sets Goat Harness. | 2 18-qt. and 1 40-qt. Ice Cream Freezers. | 4 Carving Knives. |
| 22 Carts—6 extra wheels. | 1 Platform Scales. | 1 Steel. |
| 17 Saddles—17 Bridles. | 1 pr. Candy Shears. | 1 Dust Pan and Brush. |
| 19 Halters. | 1 Show Case. | 1 Long Handle Brush. |
| 4 Donkey Harnesses for Wagonette. | 1 Pop Corn Chest. | 4 Brooms. |
| 1 Wagonette. | 1 Sieve. | 1 Zinc Ash Barrel. |
| 41 Hitching Straps. | 1 Candy Scales. | 1 Mop. |
| 1 pr. Sheep Shears. | 10 Candy Pans. | 1 Mincing Machine. |
| 2 pr. Horse Clippers. | 1 Lunch Repository. | 8 Milk Bowls. |
| 1 Cart Harness. Donkey. | 10 Glass Candy Dishes. | 1 Coffee Urn. |
| 2 Brushes. 2 Curry Combs. | 1 Parlor Set—8 pieces. | 1 Milk Urn. |
| 2 Hay Forks. 1 Milk Box. | 1 Picture—Hotel Del Monte | 1 Cake Box. |
| 2 Stable Brooms. | 1 Towel Rack. | 1,000 Table Napkins. |
| 1 Candy Furnace. | 41 Oak Tables. | 12 Silver Mugs. |
| 6 Safety Bicycles. | 128 Chairs. | 19 Mustard Pots. |
| 1 Carpenter's Bench. | 1 Butler's Table. | 367 Coffee Cups. |
| Oak Material for Swings. | 8 Trays. | 68 Milk Glasses. |
| 6 Corn Poppers. | 1 Cash Box. | 25 Goblets. |
| 5 Hammocks. | 1 Change Drawer. | 39 Soda Glasses. |
| 8 Candy Jars. | 1 Soda Fountain. | 33 Soda Glass Holders. |
| 1 Lantern. | 1 Jap. Screen. | 2 Large Mats. |
| 2 Refrigerators. | 2 Step Ladders. | 2 Small Mats. |
| 1 Tennis Set. | 1 Call Bell. | 25 Cream Pitchers. |
| 1 Ice Saw. | 1 Weather Report Frame. | 12 Castors. |
| 1 Ice Tongs. | 1 Milk Sterilizer. | 196 Plates. |
| 250 Plates. | 70 Coffee Pots. | 150 Saucers. |
| 500 Glasses. | 6 Gross Tin Spoons. | 2 Hanging Lamps. |
| 750 Saucers. | 13 “ Table Spoons. | 1 Ham Boiler. |
| 1½ bbl. Cups. | 3 “ Knives. | 1 Milk Bowl. |
| 2 Croquet Sets. | 117 Tea Spoons | 3 Dish Pans. |
| 20 pr. Skates. | 56 Silver Plated Knives. | 1 Tea Pot. |
| 20 Coffee pots. | 40 Silver Plated Forks. | 1 Coffee Pot. |
| 8 pop Corn Frames. | 144 Ice Cream Dishes. | 1 Rolling Pin. |
| 1 Set Roman Sports. | 2 Ice Cream Ladles. | 3 Sieves. |
| 1 Pop Corn Press. | 2 Oil Stoves. | 2 Strainers. |
| 2 Candy Kettles. | 15 Waiters' Trays. | 2 Qt. Measures. |
| | | 2 Stew Pans. |

CHILDREN'S QUARTERS—STOCK AND FIXTURES—Continued.

| | | |
|---------------------|---------------------------------|---------------------------------|
| 1 Montague Range. | 1 Vice. | 12 Boats, |
| 2 Chopping Trays. | 1 Vertical Vice. | 24 Chairs, |
| 1 Boiler. | 1 Anvil. | 1 Flag, |
| 1 Iron Pot. | 3 Monkey Wrenches. | 2 Boxes for Tickets, |
| 1 Egg Churn. | 3 Hammers. | 3 Giant Poles, |
| 1 Apple Slicer. | 2 Hatchets. | 3 Spring Boards, |
| 1 Apple Peeler. | 1 Forge with Pots and fittings. | 2 See-Saws, |
| 1 Clock. | 2 Blocks and Tackle. | 17 Swings, |
| 30 Sugar Bowls. | 2 Oil Cans. | 12 Locks and Chains for Swings, |
| 1 Cupboard. | Merry-Go-Round, with | 1 Ticket Box for Donkeys, |
| 1 Engine Boiler. | 48 Horses, | 1 Ticket Office, |
| 4 Saws. | 3 Swings, | |
| 1 Brace and 9 Bits. | | |

BOAT HOUSE.

| | | |
|----------------------|----------------------------|----------------------------------|
| 8 Skiffs. | 52 Cushions for same. | 1 Office Desk, Chair and Basket. |
| 16 Lap Streak Boats. | 16 Canvas Bottoms for same | |
| 64 Oars for same. | 1 Automatic Clock. | |

BEACH CHALET.

12 Chairs and 1 Table.

LIST OF ANIMALS.

| | | |
|------------------|-----------|------------------|
| Bear. | Elk. | Mule Deer. |
| Buffalo. | Kangaroo. | Spotted Deer. |
| Black Tail Deer. | Moose. | White Tail Deer. |

IN SQUIRREL HOUSE.

| | |
|-----------------|------------|
| Gray Squirrels. | Black “ |
| Brown “ | Chipmunks. |

LIST OF BIRDS IN AVIARY.

| | | |
|-------------------------|-------------------------|----------------------|
| Australian Love Birds. | Doves. | Meadow Larks. |
| Arizona Mountain Quail. | English Jays. | Nashville Warblers. |
| Australian King Bird. | East India Mino. | Nonpareils. |
| Blue Bird. | Goldfinches. | Oriole Finches. |
| Blue Sparrows. | Grosbeaks. | Oriole. |
| Bullfinches. | German Wachtels. | Owl Finches. |
| Blackbirds. | Irish Skylark. | Pekin Nightingales. |
| Black-hooded Nuns. | Irish Thrushes. | Red Heads. |
| Bleeding-heart Pigeons. | Indigo Finch. | Road Runner. |
| Black-headed Sparrows. | Indian Skylarks. | Ring Doves. |
| Bronze-winged Pigeons. | Indian Finches. | Robins. |
| Brown Sparrows. | Japanese Mocking-birds. | Sociables. |
| Black Canaries. | Japanese Nightingales. | Siskin Finches. |
| Canaries. | Japanese Goldfinches. | Strawberry Birds. |
| Cardinals. | Japanese Gray Sparrows. | Snow Birds. |
| Chinese Orioles. | Japanese White Sparrow. | Thrush. |
| Chinese Mocking Birds. | Java Sparrows. | Towhee Bunting. |
| Chinese Larks. | Kansas Quail. | Topknot Pigeons. |
| Chinese Ducks. | Linnets. | Tomtit. |
| Chaffinches. | Lazula Finches. | Woodlarks. |
| Central American Quail. | Lark Finches. | Wanga Wanga Pigeons. |
| | Mountain Quail. | |

DONATIONS TO PARK MUSEUM DURING THE YEAR ENDING JUNE 30, 1897.

Of these objects 8,871 are loans leaving the number of articles as absolute property of the Museum 32,587.

- Abbott, G. W., San Francisco, Cal.,.....2 old Chinese newspapers; 1 set (nest) of curious bronze boxes, Japan.
- Arnold, Mrs., San Francisco, Cal.,.....1 red and yellow Macaw, Central America.
- Arnold, J., San Francisco, Cal.,.....1 Cane made of redwood and redwood bark; 1 piece U. S. Fractional Currency.
- Ashley, Miss, San Francisco, Cal.,.....1 Egg of Japanese Chicken.
- Ashley, Mr., San Francisco, Cal.,.....1 Gray Squirrel.
- Bardwell, J. L., San Francisco, Cal.,.....1 Grotesque Mask, carved wood, Japan; 1 head of small Seal, mounted, Arctic regions; 1 piece of ancient pottery, South America; 1 jaw-bone of shark, Hawaiian Islands; 1 jaw-bone of wild boar, New Caledonia; 1 vase made of cocoanut shell, South America; 2 boxes made of birch bark, Northern Indians; 1 bottle, basket work, Haida Indian, B. C.; 2 miniature cannon, steatite, Zaqui Indians, Sonora, Mexico; 1 gourd cup, carved, Central America; 2 native fans, Samoa; 1 cigar case, beautifully decorated, Persia; 1 tortoise shell, polished, large; 2 silver chalices, ancient; 19 bronzes, Japan; 3 figures, earthenware, Japan; 2 fins of shark, mounted, Pacific ocean; 55 medals, bronze, of all the presidents of the U. S. some war and navy; 1 chammois horn, Switzerland; 3 earthenware vessels, Corea; 1 pair wooden shoes, ancient; 1 old wood carving, Japan; 3 pieces of paper currency, France; 1 basket work, Indians of N. W. Coast; 1 old tea-pot, Japan; 1 cloisonne Vase; 1 lacquer ware, Japan; 1 clock, large; 1 china plate, old; 10 historical documents; 64 water color paintings of animals, by Honing; 1 silver sixpence, 1573, England; 2 models of Cleopatra's Needle, Egypt; 2 walrus tusks, elegantly carved; 1 photograph of Pioneers of 1849 and earlier; 1 large vase, Japan; 2 pieces of skull of Polar bear, Arctic Ocean; 35 carved ivories, Japan; 1 vessel of wood, Haida Indians, B. C.; 20 carvings, ivory and wood; 5 agates, polished; 1 punch-bowl of porcelain, China; 3 Japanese figures; 1 Siamese vase; hat and belt of veteran firemen, San Francisco; 1 battle axe of Jade, New Zealand; 2 official papers, A. D. 1315, Turkey; 584 ivory and wood carvings; 1 jewel broach, England.
- Belser, R. A., San Francisco, Cal.,.....1 nest of bullock's oriole; 1 barnacle in sea weed.
- Berggren, Mrs. Julia, Sweden.....1 model of Swedish sloop; 1 model of three masted ship.
- Boston Museum of Fine Arts, Boston, Mass.,.....1 "Twentieth Annual Report for 1896"; 1 "Twenty-first Annual Report of 1897."
- Braverman, M., Visalia, Cal.,.....6 gems; 1 magnesite, Tulare County, Cal.; 7 chrysoprase, California; 1 green opal, Washington; 2 emerald green muscovite, North Carolina.
- Bristow, Mrs. E., Yolo, Cal.,.....1 pair old shears, date 1792.
- Brown, Mr. and Mrs. W. S., San Francisco, Cal.,.....1 branching coral, South Sea Islands.
- Burgess, J. E.,.....3 fossils, Warren County, Ohio; 4 minerals.
- California Midwinter International Exposition, San Francisco, Cal.,.....1 ivory inlaid screen; 1 inlaid panel; 1 gong of bronze; 2 Japanese figures; 1 screen with frame of roots; 2 tobacco boxes; 1 figure with balancing head; 1 female figure, of porcelain; 1 arm chair, period of Louis XIII; 1 hall clock, Italy; 1 Ivanhoe silver shield, Newmarket cup of Jockey Club, Eng; 96 sword guards, inlaid with gold and silver, Japan; 1 marble statue, "Summer"; 210 implements of wrought iron, Russia; 29 plaster images, Russia; 36 wood carvings, antique; 2 carved wood panels, ecclesiastical; 2 carved wood figures; 1 old painting on wood by Quentin Ametsys; 1 painting; 1 portrait of Tenniers; 1 sleigh, period of Catherine I., Russia; 1 portrait of French lady; 1 metal plaque with stand; 2 carved panels.
- California State Mining Bureau, San Francisco, Cal.,.....3 shell ornaments, found with Indian skeleton; 1 bibliography relating to geology, etc., of California.
- California Travertine Co.,.....2 polished slabs of Travertine, California.
- Call, J. H., San Francisco, Cal.,.....1 barn owl; 1 weasel; 1 squirrel; 1 sharp-shinned hawk; 1 road runner; 1 Audobon's warbler; 6 abalone shells.



THE BUFFALOES

PHOTO: CARROLL - LARRY SUTTON & KEVIN E. F.

| | |
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| Campbell, J. D., San Francisco, Cal..... | 1 black ground squirrel, skin. |
| Chanche, Mrs. M. E., Oakland, Cal..... | 21 African birds' skins. |
| Chutes Company, The, San Francisco, Cal..... | 1 squirrel's skin, Mexico. |
| Clarkes, G. W. San Francisco, Cal..... | 3 Colemanites, crystallized, Inyo Co., Cal. |
| Clark, W. L., Santa Barbara, Cal..... | 2 Indian baskets, Cal. |
| Cousins, R. H., San Francisco, Cal..... | 2 sea horses, New Zealand. |
| Crocker, Mrs. Margaret E., Sacramento, Cal..... | 3 oil paintings. |
| Davis, J. Z., San Francisco, Cal..... | 54 East Indian, Egyptian and Turkish weapons; 25 Japanese curiosities; 1 birch bark canoe, with paddles, Yukon river, Alaska; 227 Indian curiosities, "Ingall's collection." |
| De Young, M. H., San Francisco, Cal..... | 1 full set "Encyclopædia Britannica"; 1 full set "Century Dictionary and Cyclopædia." |
| Eastwood, George, Denver, Col..... | 23 minerals, including polished agates. |
| Edgerly, L. M., San Francisco, Cal..... | 1 war relic; 1 bound volume; 1 old almanac. |
| Edgerlev, Mrs. S. A., San Francisco, Cal..... | 6 colonial relics, Salem, Mass.; 1 old China teapot; 1 pair antique mittens. |
| Ellingson, Mark, San Francisco, Cal..... | 1 spider crab, Behring Sea. |
| Farnham, E. M., Oakland, Cal..... | Esquimau canoe (Kyak), Arctic regions. |
| Field Columbian Museum, Chicago, Ill..... | 1 "Annual Report of Director, 1896"; 1 "Annual Exchange Catalogue, 1896-'97"; 1 "Pub. 8, Anthropological Series, Vol. 1, No. 1, 1895"; 1 Pub. 9, Botanical Series, Vol. 1, No. 2, 1896"; 1 "Pub. 11, Zoological Series, Vol. 1, No. 3, 1896"; 1 "Pub. 12, Zoological Series, Vol. 1, No. 4"; 1 "Pub. 13, Zoological Series, Vol. 1, No. 5"; 1 "Pub. 15, Botanical Series, Vol. 1, No. 3"; 1 "Pub. 16, Anthropological Series, Vol. 1, No. 1"; 1 "Pub. 18, Geological Series, Vol. 1, No. 2." |
| Flood, D. P. H., San Francisco, Cal..... | 1 wooden cross from coffin of Henry Clark. |
| Foreman, A. M., San Francisco, Cal..... | 5 birds' eggs; 3 birds' nests. |
| French, G. K., San Francisco, Cal..... | 1 copy "The Gold Coast, Ashanti and Kumassi"; 1 copy "The National Geographical Magazine." |
| Gamper, George, San Francisco, Cal..... | 1 Indian mortar. |
| Golden Gate Park, San Francisco, Cal..... | 1 Japanese rooster; 1 gray squirrel; 4 Phalaropes; 4 black swans; 1 sparrow hawk; 2 road runners; 1 head of mountain sheep; 1 black thrush; 1 Amazon parrot; 1 yellow grosbeak; 2 loons; 1 pea hen; 1 blue jay; 1 weasel; total of 22 specimens received in the flesh from the Aviary and Animal's Quarters in the Park. |
| Goodrich, E. D., San Francisco, Cal..... | 3 U. S. coins. |
| Gould, B. F., San Francisco, Cal..... | 1 parrot, South America. |
| Griffin Museum, Auburn, New Hampshire..... | 1 "Annual Report, 1897." |
| Grindly, Dr. T. R., San Francisco, Cal..... | 1 Indian mortar. |
| Gruber, Prof. F., San Francisco, Cal..... | 1 marble murrelet, mounted, Farallone Islands. |
| Hackmeyer, W., San Francisco, Cal..... | 1 gopher snake, mounted. |
| Hagenkamp, A. T., San Francisco, Cal..... | 221 minerals. |
| Hagenkamp, L. K., San Francisco, Cal..... | 3 old engravings, after Rubens. |
| Haubrick, Miss L. B., San Francisco, Cal..... | 1 Chinese Drum. |
| Harting, L. C., Astoria, Oregon..... | 1 wood bored by Teredo. |
| Harris, George, San Francisco, Cal..... | 1 old license, dated San Francisco, Nov. 1, 1849. |
| Haussen, P. J., San Francisco, Cal..... | 2 minerals, Norway. |
| Henshaw, Mrs. J. S., San Francisco, Cal..... | 3 varieties of coral, Samoa. |
| Hewes, David, San Francisco, Cal..... | 1 "Catalogue of Pompeiian Frescoes and Photographs." |
| Higbee, Mrs. Charles E., San Francisco, Cal..... | 1 lamp shade of lace bark, Jamaica. |
| Hobbs, J. K. Carlton, San Francisco, Cal..... | 1 powder horn, elaborately carved. |
| Horning, Dr., San Francisco, Cal..... | 2 bush rats; 2 Price's chipmunks; 2 dwarf trushes; 1 white bellied swallow. |
| Howard, Mrs. S. J., San Francisco, Cal..... | 1 piece homespun linen, Vermont, 1793. |
| Hubbard, Col. A. S., San Francisco, Cal..... | 1 Esquimau canoe; 1 pair Indian snow shoes, Alaska; 1 copy "Sons of the American Revolution." |
| Hubbard, Mrs. A. S., San Francisco, Cal..... | 1 historical pamphlet. |
| Huntington, Hon. C. P., New York..... | 9 oil paintings. |
| Hutton, Mrs. H. W., San Francisco, Cal..... | 1 piece of whalebone. |
| Klich, Max, San Francisco, Cal..... | Hair from back of chamois. |

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| Knox, Dr. S. B. P., Santa Barbara, Cal..... | 1 copper cannon ball, Santa Barbara. |
| Krebs, E., San Francisco, Cal..... | 1 Kamtchatka mangle; 1 Aleutian Bydarka (Model) Alaska; 1 throwing stick; 3 Aleutian spears; 1 pair baby's boots of reindeer hide, Kamtchatka. |
| Kunz, Geo. F., New York City..... | 1 copy "The Production of Precious Stones in the U. S., 1896." |
| Lamar, P. A., San Francisco, Cal..... | 3 silver and copper coins, Finland |
| Lattin, F. H., Albion, N. Y..... | 1 egg of wandering albatross; 15 birds' eggs from original sets. |
| Leary, Thos., San Francisco, Cal..... | 1 dwarf thrush |
| Lee, Mrs. Edward E., Salem, Mass..... | 2 photographs of colonial buildings. |
| Letcher, Mrs. Annie, San Francisco, Cal..... | 1 weapon of shark's teeth, South Sea Islands. |
| Lewis, E. W., San Francisco, Cal..... | 1 piece of wood from a house built in 1640, Mass. |
| Lloyd, Hon. Reuben H., San Francisco, Cal..... | 2 large pieces Tapa cloth. |
| McLaren, Mrs. John, San Francisco, Cal..... | 1 ostrich egg. |
| Mark, Mr., San Francisco, Cal..... | 1 spider crab, Behring Sea. |
| Mellen, Mr., San Francisco, Cal..... | 1 California shrike. |
| Melone, R., Oak Knoll, Napa Co., Cal..... | 6 quail's eggs. |
| Metropolitan Museum of Art, New York. | 1 hand book No. 6; 1 Twenty-Sixth Annual Report, 1896. |
| Muhl, Henry, San Francisco, Cal..... | 3 eggs of ruddy horned lark. |
| Muller, Gottfried, San Francisco, Cal..... | 1 silver coin, Sweden. |
| Noeldeke, Master K., San Francisco, Cal..... | 1 horned toad. |
| Noeldeke, Nita, San Francisco, Cal..... | 1 paraquet, Mazatlan, Mexico. |
| Noeldeke, R., San Francisco, Cal..... | 1 green parrot, Mazatlan, Mexico. |
| Ohnimus, L., San Francisco, Cal..... | 1 gray fox. |
| Ohnimus, Master, San Francisco, Cal..... | 1 larva of water beetle. |
| Oltman, John, Sissons, Cal..... | 1 large specimen of volcanic glass. |
| Palmer, J. A., San Francisco, Cal..... | 1 black flycatcher. |
| Porcher, John, San Francisco, Cal..... | 1 election ticket for Abraham Lincoln. |
| Quarre, Emile, Larkspur, Cal..... | 3 jasper, Marin Co., Cal.; 1 Indian mortar, Marin Co., Cal.; 3 gold quartz, Douglas Co., Oregon; 1 wire gold, Blue River, Oregon. |
| Rosenfeld, Hon. John, San Francisco, Cal..... | 1 albatross (mounted) in glass case; 1 nest of Mason wasp; 1 Pearl oyster, with spondylus attached, South Sea Islands. |
| Sacramento Chamber of Commerce, Sacramento, Cal..... | 3 glass jars of fruit. |
| San Francisco Chronicle, San Francisco, Cal..... | Files of newspapers |
| Schafer, Mrs., San Francisco, Cal..... | 1 four-legged domestic hen. |
| Schneider, Louis, San Francisco, Cal..... | 1 Bird of Paradise; 1 ground squirrel (black); 1 red squirrel; 1 chacalaca, mounted; 1 hen hawk, Chili; 1 grooved-Ani, South America; 2 fossil shells, Baden, Cal. |
| Short, Ernest H., Albion, New York..... | 1 specimen Onyx marble (Aragonite), Arizona. |
| Simms, Dr. J., New York City, N. Y..... | 1 old painting, "Home of Garibaldi," 1 writing desk (lacquered), Japan; 1 lacquered table, Japan; 3 heads of clay images, Toltic, Mexico; 1 Obsidian core, Mexico; 1 Obsidian arrowhead, Mexico; 3 specimens gold ore, Alaska; 2 wooden bowls, lacquered, Japan; 1 old horse pistol. |
| Sing, Fat & Co., San Francisco, Cal..... | 1 large cloisonne jar, Japan. |
| Sloane, W. & J., San Francisco, Cal..... | Carpet for floor of Napoleon Room. |
| Smith, Miss Carrie, San Francisco, Cal..... | 4 marine curiosities; 2 abalone shells and sea weed; spine of spine-backed shark; 1 shark egg; 1 skin of spined shark; 1 Portuguese man-of war; 1 echinoderm "hair sea star." |
| Smith, E. J., San Francisco, Cal..... | 1 case butterflies, beetles and moths, Japan. |
| Smith, Dr. M. E., San Francisco, Cal..... | 2 old historical newspapers. |
| Sonnenfeld, S., San Francisco, Cal..... | 6 opals, Mexico and Queensland; 4 Pescadero pebbles, California; 3 turquoises from an old Mexican mine; 2 amethysts, California; 2 enamel glass; 2 silver quartz; 2 malachite; 2 Chinese jade; The above are represented in the rough and also polished. |
| Spence, D. J., San Jose, Cal..... | 1 Mexican saddle, historic. |
| Spooner, Miss S. M., San Francisco, Cal..... | 1 precious opal in matrix, Mexico; 14 moonstones, gems, India; 1 silver card-case; 1 brooch, silver and pearl, |

India; 1 locket, gold mounted, France; 1 crocidolite, South Africa; 1 crystalized iron pyrites, Colorado.

Suter, Daniel, San Francisco, Cal..... 1 military pass, dated 1863.

Thompson, Master S., San Francisco, Cal..... 1 toad, California.

Thompson, Mrs. W., San Francisco, Cal..... 1 collection, land and marine shells; 1 Gorgonia grown on fire-brick; 1 crab; 1 star-fish; 1 piece Tapa cloth, South Sea Islands.

Torrence, I. S., San Francisco, Cal..... 1 spider crab, Japan; 1 skull of squirrel.

Walt, Milo, Paso Robles, Cal..... 1 red-shafted flicker (woodpecker).

Wiley, Rev. S. H., San Francisco, Cal..... 1 proclamation of war by President James K. Polk, dated Monterey, May 13th, 1846; 1 "General Order" by Com. John D. Sloat; 1 newspaper dated Monterey, Sept. 5th, 1846.

Williams, Dr. E. J., San Francisco, Cal..... 1 Peruvian cat (mounted).

Willis, G., San Francisco, Cal..... 1 cedar bird (mounted).

Wooster, W. D., Berkeley, Cal..... 1 barn owl.

Yates, Dr. Lorenzo G., Santa Barbara, Cal..... 1 copy of "The Channel Islands" by Lorenzo G. Yates; 1 copy of "Charm Stones" by Lorenzo G. Yates; 1 copy of "The Mollusca of Santa Barbara County and New Shells of the Santa Barbara Channel," by L. G. Yates; 1 copy of "The Geology, etc., of the Channel Island," by Lorenzo G. Yates; 1 copy "Bulletin No. 2, Santa Barbara Soc. of Natural History"; 1 copy "Catalogue of Cal. Fossils," by Dr. J. G. Cooper.

Yeomans, Dr. H. W., San Francisco, Cal..... 121 pieces, relics and curiosities from Alaska, Siberia, British Columbia and other localities.

LIST OF DONATIONS RECEIVED DURING YEAR 1896-97.

Miss L. Robinson..... 1 tree squirrel.

Mrs. Capt. J. Lafferty..... 1 duck.

S. P. Stow..... 2 ducks and seeds of perennial scarlet pea.

E. D. P. Beylard..... 1 banyan tree.

Mr. Schlater (San Rafael)..... 31 dasylious, 8 coffee trees, 50 alalia sieboldii.

Miss Sessions (San Diego)..... 1 plant tradescantia warsewiczii.

Mr. Schwerin..... 1 plant onychium japonica, 1 plant chieanthus elegans, 2 plants pilea mucroca.

Miss Alice Eastwood..... Seeds of abies bracteata, and 2 packages of seeds from Calcutta; 1 package meconopsis simplicifolia hookfil; 1 package primula sikki-mensis hookfil.

Miss V. Jensen..... 1 wild goose.

T. Klink..... 4 donkeys.

Mrs. R. F. Rooney..... 8 canaries.

C. Grunwald..... 2 sables.

L. Fisher..... Seeds of ravenala.

Mrs. E. L. Cole..... 2 bluejays.

Mrs. E. B. Curch..... 1 canary.

Mr. W. Giffard (Honolulu)..... 1 plant variegated anthurium.

Mr. P. W. Fish (Pacific Grove)..... Passion vines.

Prof. Sargent (Boston)..... Collection of rhododendron rhomboidem and indicum.

Mr. Eldred..... 1 dark purple bouganvillia; 1 anthurium from Central America; 1 oleander from Palestine.

Capt. Robert Quinton..... Collection of seeds from the South Sea Islands.

Geo. Cuthbert..... 1 package pinguin seeds; 2 packages dypsis Madagascariensis; 1 package areca cutesesus; 1 package sivilona humiles; ½ doz. nutmegs.

Sunset Seed and Plant Co..... Collection of Sweet Pea seeds (75 varieties).

Miss Edington..... Mexican vine seeds.

Mr. H. Tevis (Bakersfield)..... Pkg. Pecan seed, 2 Magnolias, 2 Macrocarpa, 2 Coccineas scarlet, 3 seeds of fancy gourd, collection of nasturium seeds, 22 dwarf varieties, 35 tall varieties.

Mr. Hamm..... 11 begonias and 1 Trades cantia-discolor.

J. D. Campbell..... 6 plants Abies Bracteata.

A. Meyer..... 1 pr. pheasants.

Mrs. S. Wright..... Seeds of South Africa lilac tree.

Mrs. M. S. Field..... 1 pkg. seed.

J. W. Floud..... Collection of Primula Gloxinia, Celosias and Balsam seeds.

E. M. Sleattor..... Pkg. of seeds of Meadow Sweet.

"Forest Club"..... Group of redwood trees, loam and manure for planting same.

| | |
|------------------------------------|---|
| F. A. Miller | 75 plants of <i>Helianthus</i> , <i>Multiflora</i> . |
| K. E. Kneiss..... | 6 orchids from Guatemala, 1 <i>Cattleya</i> , 1 <i>Oncidium</i> , 2 <i>Epidendrom</i> , 2 <i>Calanthes</i> . |
| H. Sander..... | 1 road runner. |
| Mrs. J. J. Valentine..... | 2 Mexican red birds |
| Mr. Burt Davy, Berkeley..... | 1 pkg. seed of the following: <i>Acacia</i> <i>Sophora</i> , <i>Acacia</i> <i>Calamifolia</i> , <i>Acacia</i> <i>Brachybotaya</i> , <i>Acacia</i> <i>Stenophylla</i> , <i>Eucalyptus</i> <i>longifolia</i> , <i>Eucalyptus</i> <i>panicifolia</i> , <i>Eucalyptus</i> <i>cornuta</i> , <i>Eucalyptus</i> <i>polyanthema</i> , <i>Pimelia</i> <i>stricta</i> handsome, <i>Kunzea</i> <i>pomifera</i> , <i>Kennedya</i> <i>monophylla</i> , <i>Bachychilon</i> <i>populneus</i> , <i>phorium</i> <i>tenax</i> . |
| E. D. Sturtevant, Los Angeles..... | 1 plant <i>Nymphaea</i> <i>Alba</i> , 2 plants <i>Nymphaea</i> <i>Carnea</i> , 12 plants <i>Marliacea</i> <i>Chromatella</i> , 2 <i>Marliacea</i> <i>Albida</i> , 1 plant <i>Marliacea</i> <i>rosea</i> , 2 plants <i>Marliacea</i> <i>candissima</i> , 2 plants <i>Marliacea</i> <i>odorata</i> <i>sulphurea</i> . |
| Geo. M. Stratton..... | 1 can Palmetto palm seeds from Florida. |
| Dr. Brigham..... | 2 Toulouse geese. |
| Mrs. Fairley..... | 1 cockatoo. |
| H. M. Drew..... | 1 king parrot. |
| J. C. Vaughan, Chicago..... | Collection of <i>Canna</i> plants. |
| J. Spitz..... | 1 rubber tree. |

LOANS.

The number of loans in the Museum at the close of the fiscal year ending June 30, 1897 is 8871—as follows:

| | |
|---|---|
| Amesbury, Mrs. J. A., Redlands, Cal..... | 6 pieces old wedgwood and china. |
| Bardwell, John L., San Francisco, Cal..... | 3 oil paintings; 1 piece old jewelry. |
| Best, Mrs. M. E., San Francisco, Cal..... | 2 oil paintings. |
| Bromley, Mrs. W. L., San Francisco, Cal..... | 2 old historical objects. |
| Bugbee, P. J., Redding, Cal..... | 82 specimens minerals, rock and ores. |
| Cal. State Mining Bureau, San Francisco, Cal..... | 1 black walnut show case. |
| Daggett, Hon. John, San Francisco, Cal..... | 165 Indian relics and photographs. |
| Davis, A. W., San Francisco, Cal..... | 1 ship model. |
| Edrington, Miss E. P., Santa Cruz, Cal..... | 4 pieces old jewelry. |
| Ethell, G. W., San Francisco, Cal..... | 2 historical relics. |
| Garnett, Mrs., San Francisco, Cal..... | 5 old bronze bells. |
| Greany, W. F., San Francisco, Cal..... | 21 Indian stone and earthen ware relics. |
| Grindley, Dr. T. R., San Francisco, Cal..... | 1 antique china plate. |
| Hahan, Mrs. W., Oakland, Cal..... | 3 oil paintings. |
| Hornung, Dr., San Francisco, Cal..... | 876 natural history specimens. |
| Josephi, D. E., San Francisco, Cal..... | 4 pictures and old furniture. |
| Paulson, Mrs. B., San Francisco, Cal..... | 56 souvenir spoons. |
| Payne, Mrs. A. D. L., San Francisco, Cal..... | 1 ancient prayer book, papyrus. |
| St. Germain Billiard Co., San Francisco, Cal..... | 1 large laurel wood plank. |
| Spooner, Miss S. M., San Francisco, Cal..... | 262 articles consisting of oil paintings, tapestries, antique furniture, ceramics, embroideries, etc. |
| Weaver, Mrs. Ellen A., San Francisco, Cal..... | 43 curiosities from Sandwich Islands. |
| Wells, Fargo & Co., San Francisco, Cal..... | 398 historical relics. |
| Wilcomb, C. P., San Francisco, Cal..... | 6928 articles consisting of Indian relics, minerals, precious stones, Colonial relics, old paper money, natural history specimens, war relics, etc. |
| Woodhead, George, San Francisco, Cal..... | 1 antique carved chair. |
| Yates, Dr. L. G., San Francisco, Cal..... | 2 Indian stone ollas. |



ORIENTAL ROOM—MUSEUM

DONATIONS FROM THE PARK DURING THE YEAR 1896-'97.

HEBREW ORPHAN ASYLUM.

| | | | |
|--------------------------------|---|----------------------------|---|
| Acalypha tricolor..... | 1 | Hoya Carnosa | 1 |
| Adiantum cuneatum..... | 1 | Ixora coccinea..... | 2 |
| Azalias | 2 | Justicia carnea..... | 1 |
| Begonias in variety..... | 6 | Kentia Balmoriana..... | 3 |
| Bonganvillea Sanderiana..... | 1 | Marantas | 2 |
| Caladiums..... | 2 | Mimosa pudica | 2 |
| Coleus | 6 | Phoenix Canariensis..... | 3 |
| Dracæna Sheppardii..... | 1 | Phytolacca decandra..... | 1 |
| Ferns, assorted varieties..... | 6 | Sanchezia noblis..... | 2 |
| Ficus elastica..... | 4 | Seaforthia elegans..... | 6 |
| Hibiscus rosa Sinensis..... | 1 | Selaginella Martensis..... | 1 |

PLANTS GIVEN TO PUBLIC INSTITUTIONS.

TO THE CITY AND COUNTY HOSPITAL.

| | | | |
|-----------------------|----|----------------------|-----|
| Alonsoa Alba..... | 60 | Helianthus | 112 |
| Asters..... | 50 | Leptosyne | 25 |
| Clianthus | 6 | Lonicera..... | 12 |
| Cistus | 6 | Penstemon..... | 50 |
| Cobea Scandens..... | 9 | Poppies | 216 |
| Cosmos | 50 | Scabious..... | 60 |
| Diosma Alba..... | 6 | Solanum Robusta..... | 2 |
| Dolichos..... | 6 | Tagates..... | 120 |
| Geraniums, mixed..... | 50 | Tacsonia..... | 6 |
| Ivy..... | 6 | Verbena..... | 12 |

TO THE SISTERS OF THE HOLY FAMILY.

| | | | |
|-----------------------------------|---|--------------------------|----|
| Abutilion Alba..... | 1 | Geranium Ivy | 2 |
| Acacias..... | 6 | Gnaphlium..... | 1 |
| Aloysia Citriodora..... | 4 | Helianthus Minor..... | 6 |
| Ampelopsis..... | 4 | Heuchera Sanguinea..... | 1 |
| Begonia | 2 | Hypericum | 2 |
| Buxus Sempervirens..... | 1 | Juniperus Compacta | 1 |
| Cineraria Maritima..... | 2 | Kerria Japonica | 1 |
| Cistus Ladaniiferus..... | 2 | Leptospermum | 2 |
| Cobea Scandens..... | 2 | Lobelia..... | 62 |
| Coprosma Baueriana..... | 1 | Lonicera..... | 12 |
| Coronilla Glauc, variegated | 1 | Nicotiana | 4 |
| Dahlia | 6 | Rudbeckia Grandii..... | 4 |
| Daisy Cottage..... | 1 | Saxifragea..... | 1 |
| Dianthus Barbatus..... | 6 | Salvia Spendens..... | 2 |
| Diosma Alba | 2 | Schinus Molle..... | 4 |
| Diplopappus Chrysophylla..... | 1 | Sequoia Gigantea..... | 1 |
| Dracæna Indivisa, lineata..... | 2 | Tagates in variety..... | 12 |
| Echium Argenteum..... | 2 | Thymus..... | 6 |
| Edwardsia Microphylla | 1 | Vines..... | 12 |
| Fuchsias..... | 3 | Wallflowers..... | 12 |

TO THE VETERAN'S HOME, YOUNTVILLE, NAPA CO.

| | | | |
|-------------------------|-----|-------------------------------|-----|
| Acacia..... | 110 | Cistus | 10 |
| Berberis Vulgaris..... | 6 | Coccoloba Platyclada..... | 4 |
| Buxus Sempervirens..... | 2 | Cryptomeria Japonica..... | 2 |
| Casuarina..... | 10 | Cuppressus Macrocarpa..... | 100 |
| Cassia Florabunda..... | 6 | Cytisus Laburnum..... | 2 |
| Ceanothus Africana..... | 6 | Dracæna Indivisa lineata..... | 6 |
| Chamaerops Excelsa..... | 10 | Edwardsia Microphylla..... | 4 |

TO THE VETERAN'S HOME, YOUNTVILLE, NAPA CO.—Continued.

| | | | |
|-----------------------------|-----|-------------------------------|----|
| Entelea..... | 2 | Pittosporum Crassifolium..... | 5 |
| Erica Meditteranean..... | 10 | “ Nigrum | 25 |
| Genista..... | 100 | Pinus Muricata..... | 10 |
| Hypericum..... | 10 | “ Insignis..... | 50 |
| Leptospermum Ericfolia..... | 30 | Thuja Gigantea..... | 10 |
| Melalerica Decussata..... | 10 | Tritoma Uvara..... | 10 |
| Musa Ensete..... | 6 | Veronica | 50 |
| Olea Sativa..... | 6 | Yucca | 6 |
| Pittosporum Eugenoides..... | 20 | | |

TO THE GRAND ARMY PLOT CEMETERY.

| | |
|----------------------------|----|
| Cuppressus Macrocarpa..... | 24 |
|----------------------------|----|

TO THE PROTESTANT ORPHAN ASYLUM.

| | | | |
|----------------------------|----|-----------------------------|-----|
| Abutilions..... | 3 | Euonymus Aurea..... | 2 |
| Acacias | 12 | Fern Roots..... | |
| Aloysia Citriodora..... | 2 | Gaillardia Lawrenciana..... | 100 |
| Cassia Florabunda..... | 1 | Hypericum | 6 |
| Cerasus Lauro Cerasus..... | 1 | Mesembryanthemum cuttings | |
| Cistus..... | 3 | mixed..... | 100 |
| Clianthus Punicens..... | 2 | Musa Ensete..... | 1 |
| Coronilla Glanca..... | 1 | Pittosporum Eugenoides..... | 3 |
| Cupressus Macrocarpa..... | 10 | Plumbago Capensis | 1 |
| Cytisus Hersutus..... | 1 | Polygala Dalmasiana..... | 1 |
| Diosma Alba..... | 3 | Veronica | 6 |

TO THE ALMS HOUSE.

| | | | |
|-------------------------------|-----|--------------------------|----|
| Chrysanthemum cuttings..... | 100 | Erica Meditteranean..... | 6 |
| Cistus..... | 12 | Eupatorium Dishii..... | 2 |
| Clianthus Punicens..... | 2 | Fabiana Imbricata..... | 2 |
| Coronilla Glauca, Var..... | 1 | Lonicera..... | 12 |
| Dianthus Barbatus..... | 50 | Passiflora Cereula..... | 2 |
| Diosma..... | 6 | Polygala Dalmasiana..... | 2 |
| Diploppapus Chrysophylla..... | 2 | Penstemons..... | 50 |
| Dracæna Indivisa Lineata..... | 12 | Scabious Alba..... | 2 |
| Edwardsia Macrophylla..... | 1 | Tacsonia Rosea..... | 6 |

TO ALUM ROCK PARK, SAN JOSE.

| | | | |
|---------------------------|----|-----------------------------|----|
| Aucuba Japonica..... | 6 | Leptospermum Ericfolia..... | 24 |
| Casuarinas | 12 | Musa Ensete..... | 12 |
| Ceanothus Africana..... | 24 | Olea Sativa..... | 12 |
| Cistus..... | 12 | Pinus Insignis..... | 24 |
| Cupressus Lawsoniana..... | 20 | Pittosporum | 50 |
| “ Macrocarpa..... | 24 | Pritchardia Filifera..... | 12 |
| Dracæna Australis..... | 2 | Thuya Gigantea..... | 12 |
| “ Lineata..... | 10 | Veronica..... | 50 |
| Erica Meditteranean..... | 12 | Yucca Whippleyii..... | 12 |

TO CLINTON PARK, OAKLAND.

| | | | |
|---------------------------|----|-------------------------|-----|
| Acacia Fragrans..... | 12 | Dianthus Barbatus..... | 140 |
| “ Lophantha..... | 12 | Dracænas | 2 |
| Achyranthes cuttings..... | | Eucalyptus Gunnii..... | 6 |
| Casuarina..... | 6 | Leptospermum..... | 6 |
| Cosmos | 12 | Lonicera | 2 |
| Cottoneaster..... | 12 | Nicotiana Tobacco | 6 |

TO CLINTON PARK, OAKLAND—Continued.

| | | | |
|---|----|--|-----|
| <i>Ceanothus</i> <i>Lamarckiana</i> | 6 | <i>Swainsonia</i> <i>Galegifolia</i> | 1 |
| <i>Pinus</i> <i>Insignis</i> | 25 | <i>Tacsonia</i> | 6 |
| “ <i>Maritima</i> | 25 | <i>Tagates</i> | 12 |
| “ <i>Tuberculata</i> | 25 | <i>Tritoma</i> <i>Uvara</i> | 12 |
| “ <i>Muricata</i> | 25 | <i>Veronica</i> <i>Herbaceous</i> | 100 |
| <i>Pittosporum</i> <i>Nigrum</i> | 12 | <i>Wallflowers</i> | 112 |
| <i>Salvia</i> cuttings..... | | | |

TO THE HOUSE OF CORRECTION.

| | | | |
|--|-----|---|-----|
| <i>Acacia</i> <i>Latifolia</i> | 200 | <i>Lonicera</i> | 24 |
| <i>Alonsoa</i> | 60 | <i>Melaleuca</i> <i>Decussata</i> | 6 |
| <i>Clianthus</i> | 8 | <i>Ceanothus</i> <i>Lamarckiana</i> | 50 |
| <i>Dianthus</i> <i>Barbatus</i> | 60 | <i>Pittosporum</i> <i>Nigrum</i> | 100 |
| <i>Genista</i> <i>Tinctoria</i> | 4 | <i>Tacsonia</i> <i>pink</i> | 11 |
| <i>Geraniums</i> | 100 | <i>Veronica</i> <i>Herbaceous</i> | 50 |
| <i>Leptospermum</i> <i>Ericfolia</i> | 12 | | |

TO THE SISTERS OF SAINT JOSEPH'S HOME.

| | | | |
|--|----|------------------------------------|---|
| <i>Acacia</i> <i>Lophantha</i> | 2 | <i>Lobelia</i> | 6 |
| <i>Antirrhinum</i> | 6 | <i>Lonicera</i> | 6 |
| <i>Cassia</i> <i>Florabunda</i> | 2 | <i>Pansy</i> | 6 |
| <i>Cistus</i> | 2 | <i>Phlox</i> | 6 |
| <i>Dianthus</i> | 6 | <i>Pines</i> | 4 |
| <i>Dracæna</i> <i>Australis</i> | 2 | <i>Pritchardias</i> | 2 |
| <i>Geraniums</i> | 12 | <i>Scabious</i> <i>white</i> | 6 |
| <i>Leptospermum</i> <i>Ericfolia</i> | 3 | <i>Veronicas</i> | 4 |

TO THE STATE INSANE ASYLUM, STOCKTON.

| | | | |
|--|----|--|----|
| <i>Berberis</i> <i>Vulgaris</i> | 6 | <i>Leptospermum</i> <i>Ericfolia</i> | 50 |
| <i>Cestrum</i> <i>Auranticum</i> | 1 | <i>Maytemes</i> | 2 |
| <i>Ceanothus</i> <i>Africana</i> | 6 | <i>Melaleuca</i> | 6 |
| <i>Cistus</i> | 6 | <i>Musa</i> <i>Ensete</i> | 2 |
| <i>Diosma</i> | 3 | <i>Pittosporum</i> <i>Eugenoides</i> | 50 |
| <i>Diplopappus</i> | 1 | “ <i>Nigrum</i> | 50 |
| <i>Dracæna</i> <i>Australis</i> | 6 | <i>Pinus</i> <i>Insignis</i> | 25 |
| <i>Edwardsia</i> | 2 | <i>Prostranthera</i> <i>Sibersii</i> | 1 |
| <i>Erica</i> | 3 | <i>Spirea</i> <i>Alifolia</i> | 1 |
| <i>Eucalyptus</i> <i>Gunnii</i> | 50 | <i>Spirea</i> <i>Aruncus</i> | 1 |
| <i>Eupatorium</i> <i>Dishii</i> | 1 | <i>Tristania</i> <i>Conferta</i> | 1 |
| <i>Fabiana</i> | 1 | <i>Ulex</i> <i>Europea</i> | 6 |
| <i>Genista</i> <i>Tinctoria</i> | 50 | <i>Veronica</i> <i>Variegata</i> | 6 |
| “ <i>Alba</i> | 50 | “ <i>Herbaceous</i> | 6 |

TO THE U. S. LIFE SAVING STATION.

| | | | |
|------------------------------------|----|--|----|
| <i>Dracænas</i> | 2 | <i>Yucca</i> | 4 |
| <i>Cistus</i> <i>in var.</i> | 10 | <i>Tritonia</i> | 4 |
| <i>Acacia</i> | 50 | <i>Ceanothus</i> <i>Africana</i> | 2 |
| <i>Veronica</i> | 10 | <i>Cupressus</i> <i>Laws</i> | 10 |
| <i>Lonicera</i> | 6 | <i>Thuya</i> <i>Gigantea</i> | 10 |
| <i>Clianthus</i> | 6 | <i>Erica</i> <i>Med.</i> | 10 |
| <i>Buxus</i> | 4 | <i>Pittosporum</i> <i>Eng.</i> | 10 |

ALOEES, YUCCAS, GRASSES AND PALMS PLANTED.

| | | | |
|----------------------|-----|---------------------------|----|
| Aloes..... | 15 | Dasyliroon Wheelerii..... | 24 |
| Yucca Whippeyii..... | 397 | Tritoma Uvaria..... | 3 |
| “ Maculata..... | 9 | Chamærops Excelsa..... | 6 |
| “ Variegata..... | 46 | “ Nepalensis..... | 2 |
| “ Filamentosa..... | 20 | Phoenix Australis..... | 1 |
| “ Pendula..... | 4 | | |

BULBS AND SEEDS PLANTED.

| | | | |
|------------------------------|-------|-----------------------------|-------|
| Allium Alternifolium..... | 500 | Funkia Japonica..... | 30 |
| Anemone Coronaria..... | 800 | Erythronium Citrinum..... | 200 |
| “ Occidentalis..... | 25 | Calanthus nivalis..... | 1,000 |
| Amaryllis Vittata..... | 100 | Hyacinths..... | 750 |
| Brodiaea Grandiflora..... | 200 | Iris Kämpferi..... | 500 |
| “ Coccinea..... | 100 | Iris Germanica..... | 100 |
| Calochortus Howellii..... | 100 | Lillium Bonardii..... | 100 |
| “ Oregonia..... | 100 | “ Auratum..... | 20 |
| “ Vistata Nuttallii..... | 200 | Narcissus Jonquillanum..... | 2,750 |
| Camassia Esculenta..... | 100 | Ranunculus Persicum..... | 100 |
| Cyclamen Persicum..... | 27 | “ Asiaticus fl. pl..... | 3,000 |
| Dahlia Stellata..... | 1,940 | Scilla Siberica..... | 200 |
| Dodecatheon Jefferianum..... | 25 | Tulips..... | 2,000 |

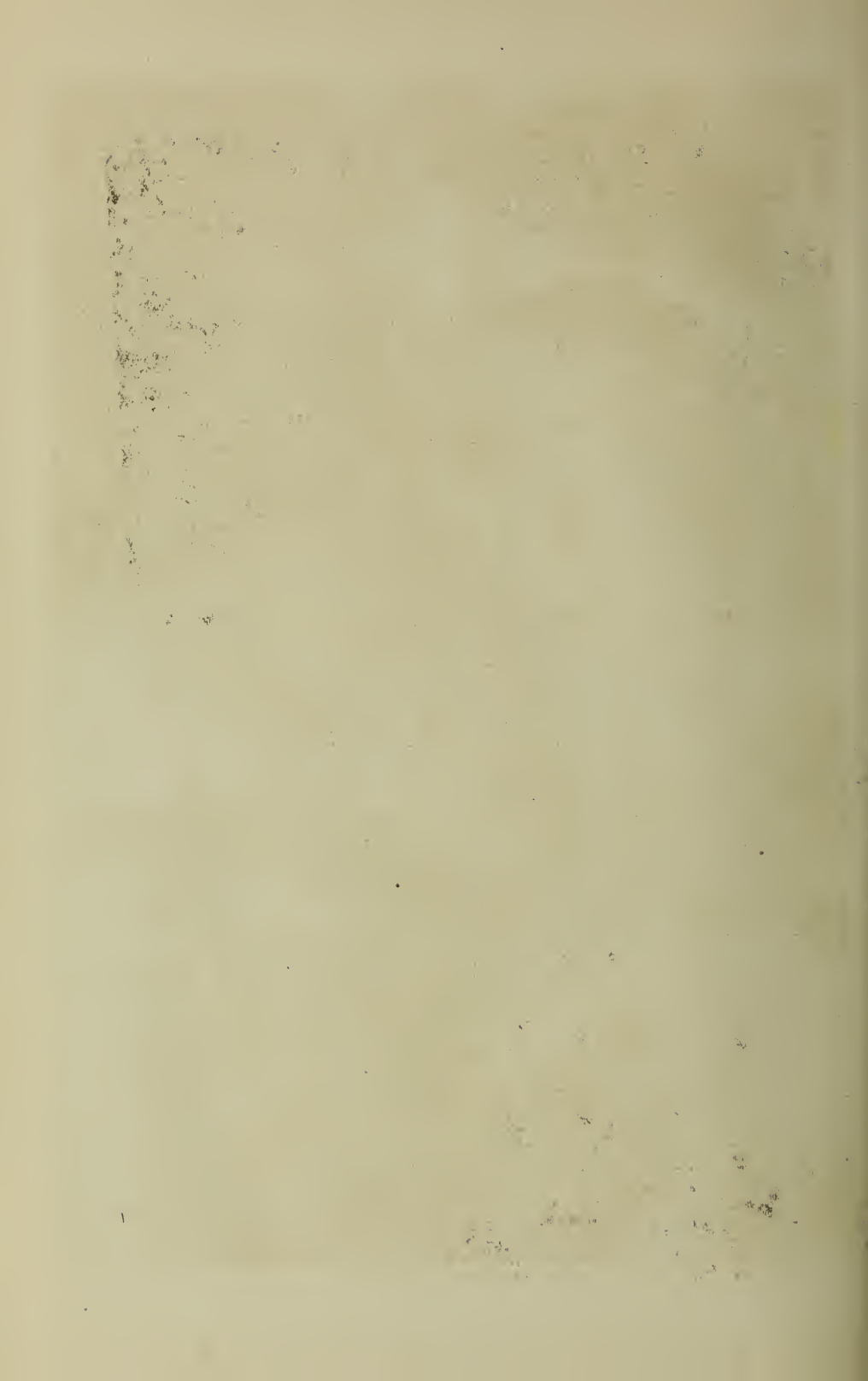
VINES PLANTED DURING YEAR 1896-'97.

| | | | |
|---------------------------|----|----------------------------------|-----|
| Akebia Quinata..... | 4 | Lonicera Grandiflora..... | 886 |
| Ampelopsis Royalii..... | 1 | “ Tartaria Splendens..... | 991 |
| “ Vietchii..... | 1 | “ Japonica Aurea..... | 511 |
| Aristolchia elegans..... | 1 | Muchelenbeckia Cœreula..... | |
| Bignonia Australis..... | 3 | Muchelenbeckia Complexa..... | 50 |
| Clematis Japonica..... | 6 | Passiflora Cœreula..... | 137 |
| Cobea Scandens..... | 7 | Phaseolus Multiflora..... | 7 |
| Dolichos lablab..... | 46 | Rinchosperrum Jasminoides..... | 5 |
| Eccremacarpus Scabra..... | 1 | Solandra Grandiflora..... | 1 |
| Kennedyia Marryana..... | 1 | Stanthosonia Hxaphylla..... | 2 |
| Lathyrus sylvestris..... | 14 | Streptosolen Jamesii..... | 13 |
| “ Splendens..... | 5 | Tecoma Radicans..... | 2 |
| “ Tuberous..... | 17 | Tropæolum minus flora plena..... | 32 |
| “ Latifolius..... | 17 | | |

FLOWERING AND ORNAMENTAL LEAVED PLANTS PLANTED DURING
YEAR 1896-'97.

| | | | |
|-----------------------------------|--------|---|-------|
| Achyranthus Lindenii..... | 840 | Bellis perennis..... | 240 |
| Acroclinium Roseum..... | 100 | Begonia Atropurpurea Semperflo- rum..... | 430 |
| Agrostemma Coronaria..... | 12 | Calliopus Lanceolata..... | 319 |
| Ageratum Imperial blue..... | 800 | “ Golden Wave..... | 240 |
| Alternanthers paronychioides..... | 1,600 | Campanule media..... | 300 |
| “ “ aurea..... | 20,100 | Calceolaria Hybrida..... | 12 |
| “ ficioidea..... | 2,700 | Cheiranthus Cheri..... | 215 |
| “ amonea..... | 13,700 | Cineraria Maritima..... | 100 |
| “ bettzithiana..... | 3,200 | Cosmos Hybridus..... | 2,952 |
| “ Aniabilis..... | 1,000 | Chrysanthemums fruticens..... | 1,539 |
| Althea rosea..... | 596 | Cuphea Tricolor..... | 16 |
| Alyssum Variegata..... | 1,480 | Cyclamen Persicum..... | 19 |
| Antirrhinum majus..... | 2,650 | Delphinium Ajacis..... | 97 |
| Aquilegia Hybrida..... | 160 | Dianthus Barbatus..... | 4,276 |
| Aster chinensis..... | 4,612 | “ Semperflorens..... | 539 |
| Aubrietia Grandiflora..... | 12 | Digitalis Lutea..... | 240 |
| Atriplex semibaccatum..... | 80 | | |





FLOWERING AND ORNAMENTAL LEAVED PLANTS PLANTED DURING YEAR
1896-'97—Continued.

| | | | |
|------------------------------|-------|-----------------------------|-------|
| Doronicum Excelsum..... | 50 | Penstemon barbatus..... | 1,130 |
| Etoile d'Or..... | 1,056 | Petunia intermedia..... | 840 |
| Fuchsia Rose of Castile..... | 445 | Phlox Drummondii..... | 1,175 |
| Gaillardia Lawrenciana..... | 960 | " Decussata..... | 112 |
| " pulchella picta..... | 261 | Polyanthus Primula..... | 120 |
| Gentiana Crinata..... | 2 | Poppies nudicaule..... | 1,480 |
| Geraniums, Gen. Grant..... | 4,263 | " Bracteatum..... | 574 |
| " Snow Ball..... | 72 | " Shirley..... | 1,760 |
| " Ivy..... | 535 | Romneya Coulterii..... | 5 |
| Helianthus minor..... | 512 | Rudbeckia Grandiflora..... | 1,100 |
| " multiflorus..... | 80 | Salvia Splendens..... | 795 |
| " argophyllus..... | 650 | " Patens..... | 179 |
| Heuchera Sanguinea..... | 423 | " Clara Bateman..... | 7 |
| Hydrangea Hortensis..... | 89 | " Globosa..... | 650 |
| " Rosea..... | 150 | " Pinappilis..... | 140 |
| Iris Germanica..... | 105 | " Africana..... | 300 |
| Impatiens Balsamina..... | 360 | " Argenteum..... | 35 |
| Lantana camara..... | 56 | Salpiglossis sinulata..... | 880 |
| Leptosyne Maritima..... | 1,780 | Sedum Variegata..... | 310 |
| Lobelia Cardinalis..... | 570 | Tagetes Perennis Aurea..... | 300 |
| " Speciosa..... | 9,700 | " patula..... | 3,002 |
| Lotus Peliobryobus..... | 11 | Thymus vulgaris..... | 6,200 |
| Mathiola Hybrida..... | 1870 | Verbena hybrida..... | 320 |
| Mesembryanthemum Cordifolium | | Viola Cornuta..... | 800 |
| Variegatum..... | 486 | " tricolor..... | 2,995 |
| Nicotiana Affinis..... | 540 | Wigandia Caracasana..... | 50 |
| " Tobaccum..... | 310 | " Macrophylla..... | 3 |
| Oenothera Lamarckiana..... | 723 | Xeranthemum Annum..... | 11 |
| Paeonia peregrina..... | 112 | | |

TREES AND SHRUBS PLANTED DURING YEAR 1896-'97.

| | | | |
|------------------------------|-------|---------------------------------|-------|
| Abelia Rupestris..... | 69 | Acer Cirsenatum..... | 476 |
| Abies Amabilis..... | 13 | " Macrophyllum..... | 16 |
| " Canadensis..... | 3 | Aesculus Californica..... | 5 |
| " Concolor..... | 4 | " Pavis Rubra..... | 1 |
| " Douglasii..... | 66 | Ailanthus Glandulosa..... | 16 |
| " Excelsa..... | 6 | Andromeda Japonica..... | 1 |
| " Fraserii..... | 6 | Arbutus Menziesii..... | 71 |
| " Grandis..... | 3 | " Unedo..... | 12 |
| " Menziesii..... | 23 | " Alpina..... | 100 |
| " Mertensiana..... | 6 | Aralia Sieboldii..... | 34 |
| " Nigra..... | 3 | Arctostaphylos Pungens..... | 8 |
| " Domnethii..... | 3 | " Uva Ursi..... | 1,100 |
| " Nordmanniana..... | 8 | Araucaria Imbricata..... | 1 |
| " Pectinata..... | 12 | " Excelsa..... | 1 |
| " Abutilon Thompsoni..... | 25 | Azalea Occidentalis..... | 150 |
| Acacia Armata..... | 21 | Bambusa Variegata..... | 2 |
| " Cultriformis..... | 10 | " Aurea..... | 2 |
| " Fragrans..... | 410 | Berberis Integrifolia..... | 1 |
| " Decurrens..... | 361 | " Vulgaris..... | 55 |
| " Latifolia..... | 9,050 | " Darwinii..... | 11 |
| " Lophantha..... | 2,050 | Berchemia Racemosa..... | 2 |
| " Melanoxylon..... | 100 | Betula Alba..... | 18 |
| " Mollissima..... | 25 | Brugmansia Suaveolens..... | 20 |
| " Pendula..... | 70 | Buddleia Globosa..... | 6 |
| " Provissima..... | 12 | Auxis Sempervirens..... | 82 |
| " Riceana..... | 200 | Calycanthus Floridus..... | 1 |
| " Verticillate..... | 370 | " Calicoma Serratifolia..... | 1 |
| Achania Malvaviscus..... | 81 | Calliandria Californica..... | 1 |
| Acer Dasycarpium..... | 4 | Calystachys Lanceolata..... | 1 |

TREES AND SHRUBS PLANTED DURING YEAR 1896-'97—Continued.

| | | | |
|---------------------------------|-------|------------------------------------|-------|
| Callistemon Lanceolatum..... | 3 | Elacoca Cordata..... | 2 |
| Camellia Sassantera..... | 1 | Elæocarpus Hookerianus Boekia..... | 4 |
| Castanea Pumila..... | 2 | Eleagnus Angustifolia..... | 120 |
| “ Sativa..... | 3 | Erythrina Coppra..... | 1 |
| “ Japonica..... | 2 | Erica Mediterranea..... | 48 |
| Cassia Floribunda..... | 70 | “ Hyaliana..... | 2 |
| “ Corymbosa..... | 140 | “ Koleluta Alba..... | 2 |
| Casuarina Equisetæfolia..... | 185 | “ Gauermani..... | 2 |
| “ Quadrivalvis..... | 50 | “ Lewisii..... | 2 |
| “ Suberosa..... | 24 | Escallonia Rubra..... | 10 |
| Ceanothus Ceres..... | 1 | “ Rosea..... | 10 |
| “ Californica..... | 1,012 | Eugenia Apticulata..... | 1 |
| “ Africana..... | 86 | Europeus Elatus..... | 1 |
| Cercis Sinensis..... | 2 | Eucaphis Haphilloides..... | 2 |
| Cedrus Deodora..... | 24 | Eupatorium Dishii..... | 40 |
| Celtis Cordata..... | 12 | Euonymus Japonicus..... | 10 |
| Cerasus laurocerasus..... | 12 | “ Aurea..... | 21 |
| Cerantonia Selifu..... | 1 | Eucalyptus Cunni..... | 24 |
| Chemonanthus Fragens..... | 2 | Fabiana Imbricata..... | 61 |
| Choisya Ternata..... | 12 | Ficus Macrophylla..... | 22 |
| Cinnamomum Pedunalatum..... | 1 | Forsythia Californica..... | 12 |
| “ Sericum..... | 1 | Fraxinus Platycarpa..... | 8 |
| Cistus Ladaniferus..... | 745 | Gardenia Sinensis..... | 1 |
| “ Roseus..... | 16 | Garrya Elliptica..... | 1 |
| “ Albidus..... | 100 | Genista Alba..... | 70 |
| Circidophyllus Japonicus..... | 1 | “ Linifolia..... | 70 |
| Cliantia Puniceus..... | 168 | “ Candicans..... | 140 |
| Colutea Arborescens..... | 1 | Grevillea Robusta..... | 60 |
| Corynocarpus Lævigatus..... | 6 | Guevina Avellana..... | 1 |
| Cottoneaster Buxifolia..... | 48 | Habrothamnus Elegans..... | 75 |
| Crategus Oxyantha..... | 12 | Hamamelis Japonica..... | 1 |
| Cryptomeria elegans..... | 14 | Harpullea Pendula..... | 1 |
| Catelia Nervosa..... | 1 | Heimeia Grandiflora..... | 57 |
| Cupressus Goveniana..... | 225 | Hypericum Calycium..... | 710 |
| “ Corimbosa..... | 45 | “ Canariensis..... | 40 |
| “ Knightiana..... | 6 | Ilex Latifolia..... | 1 |
| “ Lawsoniana..... | 465 | “ Robusta..... | 1 |
| “ Macrocarpa..... | 1,693 | Illiciesii Religense..... | 1 |
| “ Pyramidialis..... | 1 | Indigofera Australis..... | 21 |
| “ Sempervirens..... | 26 | Iochroma Coccinea..... | 13 |
| Cytisus Glaharata..... | 140 | Juniperus Compacta..... | 338 |
| “ Laburnum..... | 40 | “ Communis..... | 37 |
| “ Bullatus..... | 18 | “ Prostrata..... | 45 |
| “ Australis..... | 5 | “ Alba Chinensis..... | 3 |
| “ Sessifolia..... | 12 | “ Virginiana..... | 56 |
| “ Quercifolia..... | 32 | “ Hibernica..... | 44 |
| “ Hirsutus..... | 210 | “ Pendula..... | 20 |
| Datura Arborea..... | 80 | “ Japonica..... | 24 |
| Daphnophyllus Macrophyllus..... | 1 | Juglans Californica..... | 12 |
| Daphne Indica Alba..... | 3 | “ Nigra..... | 15 |
| Desmodium pendula..... | 1 | Kadsura Japonica..... | 2 |
| Deutzia Gracilis..... | 1 | Kalmia Glauca..... | 88 |
| Diosma Odorata Alba..... | 43 | Kauba Paniculata..... | 12 |
| Dracæna Nutans..... | 2 | Lagerstoemia Indica..... | 1 |
| “ Australis..... | 73 | Laurus Lusitanica..... | 12 |
| “ Indivisa Lineata..... | 12 | Lasiandria Macarantha..... | 4 |
| “ Draco..... | 2 | Larix Leptolepis..... | 6 |
| “ Fosterii..... | 10 | Leptospermum Lævigatum..... | 2,177 |
| Duranta Plumerii..... | 1 | “ Ericfolia..... | 980 |
| Echium Argenteum..... | 20 | Leycesteria Elegans..... | 40 |
| “ Superba..... | 50 | Legustrum Obota..... | 1 |
| Edwardsia Microphylla..... | 3 | “ Japonicum..... | 5 |
| Electia Excelsa..... | 1 | Lycium Parvifolium..... | 18 |

TREES AND SHRUBS PLANTED DURING YEAR 1896-'97—Continued.

| | | | |
|------------------------------|-------|------------------------------------|-------|
| Maytenus Chilensis..... | 52 | Rhododendron Album..... | 1 |
| Maclura Aurantiaca..... | 12 | “ Californicum..... | 2,450 |
| Mechelea Compressa..... | 3 | “ Rhomboidium..... | 15 |
| Melaleuca Decussata..... | 99 | “ Indicum..... | 31 |
| Melianthus Major..... | 20 | “ Remperferii..... | 80 |
| Melia Azeerdrach..... | 10 | Rhamnus Frangula..... | 9 |
| Metrocedrus Robusta..... | 9 | “ Alpinus..... | 12 |
| Morus Alba..... | 6 | “ Pendula..... | 3 |
| Murraya Exotica..... | 1 | “ Californica..... | 136 |
| Musa Ensete..... | 52 | “ Purchiana..... | 25 |
| Myoporum maculata..... | 28 | Ricinus Zanzibariensis..... | 36 |
| Myrica Californica..... | 6 | “ communis..... | 95 |
| Nandina Domestica..... | 1 | Ribes Sanguinea..... | 25 |
| Nerium Splendens..... | 1 | Robinia Pseudo Acacia..... | 3 |
| Olea Sativa..... | 18 | “ Fastigiata..... | 7 |
| Otera Thyrax Hispidum..... | 3 | Rosa Madam Augusta Guinosseau..... | 100 |
| Persoonia Lanceolata..... | 1 | “ Pearl des Jardines..... | 100 |
| Photinia Arbutifolia..... | 32 | “ Bridesmaid..... | 50 |
| Phillyrea Latifolia..... | 32 | “ Madam C. Testout..... | 50 |
| Pimelia Rosea..... | 25 | “ Papa Gontier..... | 100 |
| Pinus Halepensis..... | 145 | “ Multiflora..... | 13 |
| “ Insignis..... | 2,123 | “ Wichuriana..... | 20 |
| “ Pygmæa..... | 12 | “ Harrisoniana..... | 1 |
| “ Pinea..... | 31 | “ O'Eillet..... | 3 |
| “ Coulterii..... | 77 | Salix Aurea..... | 134 |
| “ Laricio..... | 12 | “ Babylonica..... | 27 |
| “ Maritima..... | 687 | Sambucus Racemosa..... | 138 |
| “ Torreyana..... | 44 | “ Aurea..... | 3 |
| “ Muricata..... | 551 | Schinus Molle..... | 20 |
| “ Tuberculata..... | 26 | “ Terebinthefolia..... | 12 |
| “ Sabiniana..... | 6 | Sequoia Sempervirens..... | 2 |
| Pinus Murrayana..... | 4 | Sequoia Gigantea..... | 2 |
| “ Excelsa..... | 3 | Serissa Japonica..... | 1 |
| Pittosporum Eugenioides..... | 1,166 | Solanum Marginatum..... | 78 |
| “ Nigrum..... | 127 | Sollya Heterophylla..... | 3 |
| “ Crassifolium..... | 48 | Spiræa Acerifolia..... | 25 |
| “ Undulatum..... | 24 | “ Obassia..... | 1 |
| “ Rubra..... | 1 | Sterculia Platynoides..... | 1 |
| Picea Pinsapo..... | 57 | Stuartia Pseuda Camellia..... | 1 |
| “ Subalpina..... | 3 | Styrax Obassia..... | 1 |
| “ Firma..... | 3 | “ Japonica..... | 1 |
| “ Menziesii..... | 12 | Staphylea pinnata..... | 1 |
| Plumbago Capensis..... | 1 | Swainsona Galegifolia..... | 100 |
| Podylaria Argentea..... | 1 | Templetonia Retusa..... | 2 |
| Poinciana Gillesii..... | 1 | Syncarpia Laurifolia..... | 3 |
| Polygala Dalmasiana..... | 65 | Thalictrum Foliosum..... | 1 |
| Pyrus Californica..... | 34 | Thuja Gigantea..... | 461 |
| “ Red Astrichian..... | 4 | “ Nepalensis..... | 5 |
| “ Esopus Spitzenburg..... | 5 | Tilia Europea..... | 5 |
| “ Smith's Cider..... | 2 | Ulex Europea..... | 95 |
| “ Baldwin..... | 1 | Ulmus Suberosa..... | 2 |
| “ Hoover..... | 1 | “ Campestris..... | 3 |
| “ Bano..... | 2 | “ Berardi..... | 1 |
| “ Royal..... | 12 | Veronica Anderson..... | 87 |
| Ptelea Trifoliata..... | 11 | “ Decussata..... | 12 |
| Quercus pinnatifida..... | 1 | “ Corulea..... | 123 |
| “ Serrata..... | 4 | “ Alba..... | 24 |
| “ Ilex..... | 11 | “ Carnea..... | 5 |
| “ Dentata..... | 1 | Viburnum Lucidum..... | 6 |
| “ Sempervirens..... | 12 | Weigelia Rosea..... | 48 |
| “ Densiflora..... | 40 | Widdringtonia Whyti..... | 1 |
| Retinospora Plumosa..... | 1 | Zanthoxylon perperitum..... | 1 |
| “ Decussata..... | 14 | Zeekonia Kecki..... | 3 |

ORCHIDS IN CONSERVATORY.

| | | |
|-----------------------------|--------------------------|--------------------------|
| Acineta Barkerii. | Cypripedium Lowii. | Odontoglossum citrosum. |
| " Humboldtii. | " Boxallii. | " roseum. |
| Aerides Japonicum. | " Stoneii. | " crispum. |
| " Lceanum. | " bellatulum. | " grande. |
| " odoratum cornu- | " Godefroyæ. | " Hallii. |
| " tum. | " villosum. | " insleayi. |
| " quinquevulnerum. | " Dautherii. | " piscatorei. |
| " viridis. | " Haynaldi- | " vexillarium. |
| Barkeria Skinnerii. | " anum. | Oncidium ampliatus. |
| " spectabilis. | " conchiferum. | " Barkerii. |
| Bletia hyacinthina. | " caudatum. | " Cavendishianum. |
| " tankervilleæ. | " Ashburtonæ. | " cucullatum. |
| Brassavola glauca. | " Roezlii. | " leucochilum. |
| " oculata. | " Domianum. | " flexuosum. |
| Brassia candida. | Dendrobium anguilaria. | " ornithorrhynchum |
| " verrucosa. | " cucullatum. | " papilio. |
| Burlingtonia imperialis. | " Dalhousianum. | " sphacelatum. |
| " venusta. | " speciosum | Peristeria elata. |
| Calanthe discolor. | " Hillii. | Phaius albus. |
| " gracilis. | " Japonicum. | " maculatus. |
| " oculata. | " Kingianum. | " blumei. |
| " pleichroma. | " Farmerii. | Phalaenopsis amabilis. |
| Catasetum medium. | " nobile. | " esmeralda. |
| Cattleya amethystina inter- | " Pierardii. | " grandiflora. |
| media. | " pulchellum. | " Luddemanniana |
| Cattleya amethystoglossa. | " superbium. | " Schillerana. |
| " Dowiana. | Disa grandiflora. | " Stuartiana. |
| " Chocoensis. | Epidendrum brassavolæ. | Renanthera coccinea. |
| " El Dorado. | " cinnabarinum. | Saccolabium gutatum. |
| " Gaskelliana. | " cochleatum. | " " roseum. |
| " gigas. | " cuspidatum. | " blumei pulchrum. |
| " insignis. | " paniculatum. | " retusum. |
| " labiata. | " vitellium. | " violaceum. |
| " Mendelii. | Gongora portentosa. | Sobralia macrantha. |
| " mossiæ. | " punctata. | Sophronitis grandiflora. |
| " Percivaliana. | Grammatophyllum Ellisii. | Spathoglottis aurea. |
| " Skinnerii. | Lælia acuminata. | " fortunei. |
| " splendens. | " acuminata rosea. | Stanhopea aurea. |
| " trianae. | " albida. | " grandiflora. |
| " trianae alba. | " anceps. | " insignis. |
| Chysis aurea. | " anceps alba. | " oculata. |
| Cœlogyne cristata. | " anceps Hillii. | " tigrida. |
| " Fostermanii. | " autumnalis. | " Wardiana. |
| " Lowii. | " crispa. | Thunia Marshalliana tri- |
| " oculata. | " Dayana. | color. |
| Cymbidium Lowianum. | " purpurata. | Thunia Bensonæ. |
| " giganteum. | " superbens. | Trichopilia fragrans. |
| Cypripedium albo purpur- | Leptotes bicolor. | " tortilis. |
| eum. | Lycaste aromatica. | Vanda concolor. |
| Cypripedium barbatum. | " Deppii. | " densiflora. |
| " insignis. | " lanipes. | " guttata. |
| " insignis mac- | " Skinnerii. | " tricolor. |
| " ulata. | " Skinnerii alba. | " " nebulosa. |
| " superbens. | Masdevallia Dayana. | " coerulea. |
| " collosum. | " elegans. | " boxallii. |
| " Curtisii. | " citrina. | Vanilla aromatica. |
| " Harrisianum. | " maculata. | Zygopetalum Mackayi. |
| " Schlimii. | Maxillaria grandiflora. | " majus. |
| " Pearceii. | " tenuifolia. | |
| " Sedenii. | Mesospinidium sanguin- | |
| " venustum. | eum. | |
| " Lawrence- | Odontoglossum citrosum. | |
| anum. | " Barkerii. | |



EGYPTIAN HALL—MUSEUM

PHOTOGRAPH BY J. H. B. & CO.

PALMS IN CONSERVATORY.

| | | |
|----------------------------|-------------------------------------|----------------------------------|
| <i>Areca alba.</i> | <i>Cycas circinalis.</i> | <i>Phoenix reclinata.</i> |
| " <i>rubra.</i> | " <i>revoluta.</i> | " <i>rupicola.</i> |
| " <i>monostachya.</i> | <i>Dictyosperma aureum.</i> | " <i>Canariensis.</i> |
| " <i>sapida.</i> | <i>Dioon edule.</i> | <i>Pritchardia Guadichaurdi.</i> |
| " <i>Baueri.</i> | <i>Geonoma gracilis.</i> | " <i>Martii.</i> |
| " <i>lutescens.</i> | <i>Kentia Australis.</i> | " <i>Pacifica.</i> |
| " <i>Verschaffeltii.</i> | " <i>Belmoreana.</i> | <i>Rhopalostylis Baueri.</i> |
| <i>Caryota urens.</i> | " <i>Canterburyana.</i> | <i>Rhapis flabelliformis.</i> |
| <i>Cocos insignis.</i> | " <i>Fosteriana.</i> | " <i>humilis.</i> |
| " <i>plumosa.</i> | " <i>Macarthurii.</i> | <i>Sabal adansonii.</i> |
| " <i>procaceana.</i> | <i>Livistonia Australis.</i> | " <i>Blackburniana.</i> |
| " <i>nucifera.</i> | " <i>altissima.</i> | <i>Seaforthia elegans.</i> |
| " <i>Weddelliana.</i> | " <i>Chinensis.</i> | " <i>robusta.</i> |
| <i>Chamædorea elegans.</i> | <i>Macrozamia Madagascariensis.</i> | <i>Thrinax elegans.</i> |
| " <i>excelsa.</i> | <i>Macrozamia plumosa.</i> | <i>Zamia integrifolia.</i> |
| " <i>gracilis.</i> | <i>Oreodoxa regia.</i> | " <i>Lehmannii.</i> |
| " <i>humilis.</i> | <i>Phoenix dactylifera.</i> | " <i>villosa.</i> |
| <i>Cycas Normanbyana.</i> | | |

FERNS AND LYCOPODS IN CONSERVATORY.

| | | |
|------------------------------|---|--------------------------------|
| <i>Adiantum amabile.</i> | <i>Davallia Canariensis.</i> | <i>Nephrodium hispidum.</i> |
| " <i>assimile cristatum.</i> | " <i>affinis.</i> | <i>Netera depressa.</i> |
| " <i>capillus veneris.</i> | " <i>bullata.</i> | <i>Polypodium pectinatum.</i> |
| " <i>cuneatum.</i> | " <i>Japonica.</i> | " <i>plumosum.</i> |
| " " <i>variegata.</i> | " <i>Mooreana.</i> | " <i>vulgaris.</i> |
| " <i>concinnum latum.</i> | " <i>tenuifolia.</i> | <i>Pellea andromedifolia.</i> |
| " <i>bellum.</i> | " " <i>stricta.</i> | <i>Platynerium alcorni.</i> |
| " <i>cardioclæna.</i> | " <i>Fijensis.</i> | " <i>grande.</i> |
| " <i>decorum.</i> | " " <i>plumosus.</i> | <i>Pteris, argyræa.</i> |
| " <i>Farleyense.</i> | <i>Doryopteris palmata.</i> | " <i>grandiceps.</i> |
| " <i>formosum.</i> | <i>Gymnogramma chrysophylla.</i> | " <i>hastata.</i> |
| " <i>gracillimum.</i> | <i>Gymnogramma decomposita.</i> | " <i>internata.</i> |
| " <i>Hendersonii.</i> | <i>Gymnogramma tartarea.</i> | " " <i>cristata.</i> |
| " <i>Luddemania.</i> | " " <i>triangularis.</i> | " <i>variegata.</i> |
| " <i>macrophyllum.</i> | <i>Hymenodium crinitum.</i> | " <i>tricolor.</i> |
| " <i>monochlamis.</i> | <i>Hymenophyllum demissum.</i> | " <i>tremula.</i> |
| " <i>pedatum.</i> | <i>Lastrea aristata.</i> | " <i>cretica albo lineata.</i> |
| " <i>imarginatum.</i> | " " <i>variegata.</i> | " <i>limbata tassellata.</i> |
| " <i>multifidum.</i> | <i>Lomaria Gibba.</i> | " <i>longifolia.</i> |
| " <i>pentophyllum.</i> | " <i>heterophylla.</i> | " <i>Victoria.</i> |
| " <i>Peruvianum.</i> | <i>Lygodium scandens.</i> | <i>Scolopendrum cristata.</i> |
| " <i>Santa Catherineæ.</i> | <i>Marattia Douglassii.</i> | <i>Selaginella aurea.</i> |
| " <i>trapeziformæ.</i> | <i>Microlepia hirta cristata.</i> | " <i>caesia arborea.</i> |
| " <i>Williamsii.</i> | " <i>Emersonii.</i> | " <i>cuspidata.</i> |
| " <i>Bausei.</i> | <i>Nephrodium truncatum.</i> | " <i>denticulata.</i> |
| <i>Aspidium amabile.</i> | <i>Nephrolepis davallioides cristata.</i> | " <i>grandis.</i> |
| " <i>trifoliatum.</i> | <i>Nephrolepis davallioides furcans.</i> | " <i>involvens.</i> |
| <i>Asplenium alatum.</i> | <i>Nephrolepis Duffii.</i> | " <i>Mertensii.</i> |
| " <i>Belangerii.</i> | " <i>ensifolia.</i> | " <i>Wallichii.</i> |
| " <i>bulbiferum.</i> | " <i>exaltata.</i> | " <i>decarpa.</i> |
| " <i>falcatum.</i> | " <i>plumosa.</i> | " <i>Wildenovii.</i> |
| " <i>viviparum.</i> | | <i>Todea Africana.</i> |
| " <i>nidus.</i> | | " <i>hymenophylloides.</i> |
| <i>Blechnum Braziliense.</i> | | " <i>superba.</i> |
| " <i>corcovadense.</i> | | |
| " <i>occidentalis.</i> | | |

TREE FERNS IN CONSERVATORY.

| | | |
|-----------------------------|----------------------------|------------------------------|
| <i>Alsophila Australis.</i> | <i>Cibotium Menziesii.</i> | <i>Dicksonia antarctica.</i> |
| <i>Cibotium regalis.</i> | " <i>princeps.</i> | " <i>squarrosa.</i> |
| " <i>glacum.</i> | <i>Cyathea dealbata.</i> | <i>Hemitelia Smithii.</i> |
| " <i>chamissoi.</i> | " <i>Smithii.</i> | |

NYPHEAS AND WATER LILIES IN CONSERVATORY.

| | | |
|-------------------------|--------------------------|------------------------|
| Linnocharis Humboldtii. | Nymphæa cœrulea. | Nymphæa Zanzibarensis. |
| Nymphæa odorata. | “ alba candidissima. | Nelumbium speciosum. |
| “ alba. | “ pygmoea. | “ luteum. |
| “ rosea. | “ tuberosa. | Pontederia crassipes. |
| “ Devoniensis. | “ marliacea chromadetta. | “ major. |
| “ rubra. | | Victoria regia. |
| “ dentata. | | “ Randii. |

GENERAL COLLECTION OF PLANTS IN CONSERVATORY.

| | | |
|----------------------------|--------------------------|-------------------------------|
| Abutilon : Boule de Neige. | Begonia rex. | Caladium Queen Victoria. |
| “ d'Or. | “ Duc. de Brabant. | “ Alfonse Hardy. |
| “ Cloth of Gold. | “ Lucy Closon. | “ Verdi. |
| “ Sellowianum | “ Arm. re. | “ Souvenir de Lillian |
| “ marmoratum. | “ acuminata splendida. | “ pictum. |
| “ The Primer. | “ augus. | “ Mons. Hardie. |
| “ Thom-onii. | “ Desfontaines. | “ Le. Carnegie. |
| Acalypha illustrata. | “ Jules Lecocq. | “ Alzire. |
| “ macroyehylla. | “ Maletta. | “ fulgens. |
| “ marginata. | “ Pearl. | “ Prince Albert Edward. |
| “ magnifica. | “ rex ; Satin Blanc. | “ Pearl de la Brazil. |
| Achimenes Gloxinæ-flora. | “ Countess Louis Erbody. | “ Newmanii. |
| Æschynanthus grandiflorus. | “ Surprise. | Calceolaria hybrida. |
| Adhatoda cydoniæfolia. | “ alba picta. | Camellia ; Duchess of Orkney. |
| Allamanda nerifolia. | “ argentea guttata. | Camellia ; alba plena. |
| “ Hendersonii. | “ florabunda rosea. | “ C. M. Hovey. |
| “ Schottii. | “ imperialis. | “ Sarah Frost. |
| “ Williamsii. | “ manicata aurea. | “ fimbriata. |
| Alpinia nutans. | “ metallica. | “ Lady Hume. |
| Alocasia grandis. | “ olbia. | Canna ; Mad. Crozy. |
| “ macrorrhiza var. | “ semperflorens | “ Ehmanii. |
| “ metallica. | “ elegans. | Carica papaya. |
| “ Veitchii. | “ semperflorens alba | Chorizema odorata. |
| Amorphophallus Nivosus. | “ rubra. | Cineraria hybrida. |
| Ananasa sativa. | “ Weltoniensis. | Cissus discolor. |
| “ variegata. | “ alba. | Clerodendron Balfourii. |
| Anona cherimolia. | “ tuberos, 50 vars. | “ fallax. |
| Anthurium Andreanum. | Bignonia venusta. | “ speciosa. |
| “ album. | “ alba. | Coffee Arabica. |
| “ crystallinum. | “ cœrulea. | Crinum Powellii. |
| “ carnea. | Bilbergia guttata. | Croton illustris. |
| “ cordatum. | “ farinosa. | “ irregulare. |
| “ giganteum. | Bonapartia juncea. | “ splendens. |
| “ magnificum. | Bougainvillea Glabra. | “ variegatus. |
| “ Scherzerianum. | “ Saundreana. | “ Weismanii. |
| “ Scherzorianum. | “ spectabilis. | “ interruptum aureum |
| “ Williamsii. | Caladium argyrites. | “ recurvum. |
| “ Reynoldianum. | “ Adolphe Adams. | “ tortillis. |
| “ Regalis. | “ Alfred Bleu. | “ pictum. |
| Artocarpus integrifolius. | “ Beethoven. | “ Youngii. |
| “ incisa. | “ Chantini. | “ Mortii. |
| Aspidistra lurida. | “ splendens. | “ Queen Victoria. |
| “ variegata. | “ elegantissima. | “ Massangeanus. |
| Ardisia crenulata. | “ Mad. J. Picot. | Curculio recurvata var. |
| Aristolodnia elegans. | “ Mad. F. Vergie. | “ “ |
| Astibe Japonica. | “ ceres. | Curmeria Leopoldii. |
| Asparagus plumosus. | “ Sedenii. | Cyclamen persicum. |
| “ nanus. | “ E. G. Henderson. | “ album. |
| “ tenuissimus. | “ Mad. Andræ. | “ Atkinsii. |
| Azalea indica, in 30 vars. | “ Dr. Lindley. | Cyperus alternifolius. |
| Bertolonia guttata. | “ coypel. | “ variegatus. |
| “ splendens. | “ Virginalis. | Darlingtonia Californica. |

GENERAL COLLECTION OF PLANTS IN CONSERVATORY—Continued.

| | | |
|-----------------------------|--------------------------|----------------------------------|
| Dieffenbachia Bausei. | Hibiscus schizopetalus. | Passiflora edulis. |
| “ marmorata. | Hoya bella. | “ fulgens. |
| “ picta. | “ carnosa. | “ macrocarpa. |
| Dieffenbachia Baraquiniana. | Imantophyllum miniatum. | “ princeps. |
| Dipladenia amabilis. | Impatiens Sultanii. | “ quadrangularis |
| “ Brearleyana. | Isolepsis gracilis. | “ variegatus. |
| Dracæna Baptisii. | Ixora aurora. | “ racemosa. |
| “ Bausei. | “ Williamsii. | Papyrus antiquorum. |
| “ congesta rubra. | “ Prince of Orange. | Peperomia argentea. |
| “ Cooperii. | Justicia carnea. | Peristrophe angustifolia |
| “ ferrea. | “ splendens. | var. |
| “ gracilis. | Kæmpferia rotunda. | Persea gratissima. |
| “ Lindenii. | Lasiandra macrantha. | Phaseolus caracalla. |
| “ Goldiana. | Lapageria alba. | Phyllanthus nivosus. |
| “ Guilfoylei. | “ rosea. | Philodendron Lindenii. |
| “ splendens. | Ligularia Kæmpferi alba. | “ pertusum. |
| “ Shepardii. | Macadamia ternifolia. | “ radiatum. |
| “ terminalis picta. | Mackaya bella. | Pothos argenteus. |
| “ Jasparsia. | Magnolia fuscata. | Primula sinensis alba. |
| Echites nutans picta. | Mangifera indica. | “ “ fl. pl. |
| Encephalartos villosus. | Maranta amabilis. | “ “ rubra. |
| Eranthemum reticulatum. | “ nitens. | “ “ fl. pl. |
| “ sanguineum. | “ photus. | “ obconica. |
| “ versicolor. | “ regalis. | Poinsettia pulcherrima |
| “ alba marginatum. | “ Van Den Heckii. | plenissima. |
| Eucharis Amazonica. | “ vittata. | Ravenalia Madagascariensis. |
| “ candidum. | “ lageriana. | Rivina humilis. |
| “ Japonicum. | “ zebrina. | Rogiera gratissima. |
| “ Mastersii. | “ rosea picta. | Ruellia macrantha. |
| Euphorbia jacquiniiflora. | “ Makayana. | Russellia juncea. |
| “ scandens. | “ Lindenii. | Sanchezia nobilis grandiflora. |
| Eurycles Australasica. | “ Kerchoveana. | Sanserveria Zeylandica. |
| “ Amboinensis. | “ nitida. | Spathiphyllum melicomaefolium. |
| Ficus elastica. | “ conspicua. | Stephanotis floribunda. |
| “ “ variegata. | “ Leopoldii. | Stigmaphyllon ciliatum. |
| “ Cannonii. | Musa ensete. | Strelitzia augusta. |
| “ Ficus. | “ zebrina. | “ reginæ. |
| “ Parcellii. | “ sapientum. | Streptocarpus polyanthafolia. |
| “ repens. | Nepenthes Chelsonii. | Tabernæmontana coronaria fl. pl. |
| “ tinctoria. | “ coccinea. | Tacsonia princeps. |
| Fittonia argyroneura. | “ gracilis major. | “ Van Volxima. |
| “ Pearceii. | Hookerianum. | Tecoma gracilis. |
| “ Verschaffeldtii. | “ insignis. | Thunbergia elata. |
| Funkia odorata. | Raffelsiana. | “ Harrisii. |
| “ subcordata. | Sedenii. | “ laurifolia. |
| Franciscea Americana. | “ Mastersiana. | “ odorata. |
| Garcinia mangostana. | “ Henryana. | Thysacanthus rutilans. |
| Gardenia fortunei. | “ hybrida maculata | Torenia Asiatica. |
| “ Florida. | “ dominiana. | “ Verschaffeldtii. |
| Gloxinia pendula. | “ sanguinea. | Toxicophlæa spectabilis. |
| “ crassifolia erecta. | “ Veitchii. | Vallota purpurea. |
| Hedychium Gardnerianum | Ophiopogon Jaburan aureo | Vinca alba. |
| Heliotropium Peruvianum. | var. | “ rosea. |
| Hibiscus Collierii. | Pancratium fragrans. | Vriesia splendens. |
| “ Cooperii. | Pandanus Javanicus var. | Yucca quadricolor. |
| “ fulgidus. | “ graminifolia. | |
| “ Kermisinus. | “ utilis. | |
| “ Lambertii. | “ Veitchii. | |
| “ pleno rubra. | Panicum variegatum. | |
| “ rosa sinensis. | Passiflora coerulea. | |
| | “ Constance Elliott. | |

LIST OF TREES AND SHRUBS IN PARK NURSERY, JUNE 30, 1897.

| | | | |
|---------------------------------------|-------|---|-------|
| <i>Abies Nobilis</i> | 200 | <i>Betula Alba</i> | 2 |
| “ <i>Grandis</i> | 8 | <i>Berberis Thunbergia</i> | 6 |
| “ <i>Veitchii</i> | 100 | “ <i>Vulgaris</i> | 290 |
| “ <i>Douglasii</i> | 710 | “ <i>Darwinii</i> | 30 |
| “ <i>Concolor</i> | 360 | “ <i>Integinue</i> | 3 |
| “ <i>Amabilis</i> | 1,144 | <i>Boldoa Fragrans</i> | 2 |
| “ <i>Magnifica</i> | 22 | <i>Bocconia Japonica</i> | 20 |
| “ <i>Alba</i> | 8 | <i>Brousonetia Papyrifera</i> | 2 |
| “ <i>Nigra</i> | 14 | <i>Brachychiton Populus</i> | 7 |
| “ <i>Bracteata</i> | 121 | <i>Brugmansia Suaveolens</i> | 37 |
| “ <i>Nordmanniana</i> | 1,115 | <i>Buxus Sempervirens</i> | 352 |
| “ <i>Alcoquiana</i> | 12 | “ <i>Aurea</i> | 200 |
| <i>Abutilon in variety</i> | 328 | “ <i>Salicfolia</i> | 350 |
| <i>Abelia Rupestris</i> | 333 | “ <i>Argentea variegata</i> | 300 |
| <i>Acacia Trovissima</i> | 6 | “ <i>Rhotundifolium</i> | 200 |
| “ <i>Farnesiana</i> | 1 | <i>Burloria Spinosa</i> | 7 |
| “ <i>Latifolia</i> | 4,500 | <i>Buddleia Globosa</i> | 150 |
| “ <i>Molissima</i> | 50 | <i>Casuarina Equistafolia</i> | 65 |
| “ <i>Melanoylon</i> | 90 | “ <i>Guadrivalvus</i> | 800 |
| “ <i>Verticillata</i> | 300 | <i>Coprosma Baueriana</i> | 155 |
| “ <i>Armata</i> | 30 | “ <i>Robusta</i> | 60 |
| “ <i>Fragrans</i> | 1,200 | <i>Calycanthus Occidentalis</i> | 500 |
| “ <i>Longifolia</i> | 500 | <i>Catalpa Speciosa</i> | 13 |
| “ <i>Verticillata Pendula</i> | 500 | <i>Castanea Americana</i> | 22 |
| “ <i>Lophantha</i> | 600 | “ <i>Japonica</i> | 3 |
| “ <i>Retinoides</i> | 3 | “ <i>Glabra</i> | 3 |
| “ <i>Brachybotrya</i> | 4 | “ <i>Italian</i> | 1 |
| “ <i>Sophorea</i> | 3 | <i>Cassia Corymbosa</i> | 200 |
| “ <i>Calmifolia</i> | 3 | “ <i>Floribunda</i> | 100 |
| “ <i>Coccinea</i> | 14 | <i>Cercidiphyllum Japonica</i> | 1 |
| <i>Achania Malvaviscus</i> | 58 | <i>Cerasus Laurocerasus</i> | 132 |
| <i>Acer Negundo</i> | 2 | <i>Cedrus Atlantica</i> | 10 |
| “ <i>Cercinatum</i> | 2 | “ <i>Deodara</i> | 8 |
| “ <i>Glaucum</i> | 12 | <i>Celtis Cordata</i> | 133 |
| “ <i>Macrophyllum</i> | 65 | <i>Celastrus Artulatus</i> | 1 |
| “ <i>Campestris</i> | 24 | <i>Ceanothus Africanus</i> | 225 |
| <i>Aesculus Turbinata</i> | 1 | “ <i>Integerrimus</i> | 7 |
| “ <i>Flava</i> | 1 | “ <i>Californica</i> | 100 |
| “ <i>Californica</i> | 21 | <i>Ceratona Saliqua</i> | 1 |
| <i>Ailantus Glandulosa</i> | 50 | <i>Cestrum Aurantiacum</i> | 8 |
| <i>Aloysia Citroidora</i> | 50 | <i>Cercis Siliquastrum</i> | 8 |
| <i>Alphitonta Excelsa</i> | 5 | <i>Choisya Ternata</i> | 57 |
| <i>Amygdalus flore plena</i> | 2 | <i>Cistus Albidus</i> | 200 |
| <i>Amorpha fruticosa</i> | 3 | “ <i>Ladaniferus maculatus</i> | 1,200 |
| <i>Andromeda Japonica</i> | 1 | “ <i>Rosea</i> | 50 |
| “ <i>Campanulata</i> | 1 | “ <i>Salvifolius</i> | 500 |
| <i>Artemisia Glauca</i> | 150 | <i>Citrus Japonica</i> | 360 |
| <i>Araucaria Excelsa</i> | 2 | <i>Clerodendrons Speciosum</i> | 2 |
| “ <i>Imbricata</i> | 395 | <i>Clianthus Puniceus</i> | 500 |
| “ <i>Bidwillii</i> | 5 | “ <i>Dampierii</i> | 2 |
| <i>Ardisia Crenulata</i> | 20 | <i>Coccoloba platycarpa</i> | 25 |
| <i>Arctostaphylos Tomentosa</i> | 2 | <i>Coronilla Clauca Variegata</i> | 100 |
| “ <i>Pungens</i> | 1 | <i>Cotoneaster Buxifolia</i> | 120 |
| “ <i>Glaucum</i> | 2 | <i>Colletia Ferox</i> | 4 |
| <i>Aralia Sieboldii</i> | 4 | <i>Cornus Macrophylla</i> | 1 |
| <i>Arbutus Menziesi</i> | 20 | “ <i>Pubescens</i> | 15 |
| <i>Aucuba Japonica</i> | 100 | <i>Corynocarpus Lævigatus</i> | 40 |
| <i>Azalea Occidentalis</i> | 360 | <i>Colquhonia Vistata</i> | 5 |
| <i>Bambusa Japonica Aurea</i> | 6 | <i>Crategus Oxyacantha Rubra</i> | 3 |
| “ <i>Variegata</i> | 3 | “ <i>“</i> | 72 |
| “ <i>Metaka</i> | 11 | <i>Cryptomeria Japonica</i> | 4 |
| “ <i>Falcata</i> | 3 | “ <i>Elegans</i> | 60 |
| <i>Benthamia Fragifera</i> | 15 | <i>Cupressus Lawsoniana</i> | 1,000 |



LIST OF TREES AND SHRUBS IN PARK NURSERY, JUNE 30, 1897—Continued.

| | | | |
|-----------------------------------|-------|---------------------------------|-------|
| Cupressus Microcarpa..... | 4,000 | Euonymus Latifolia Auens | 50 |
| “ Goveniana | 50 | “ Radicans..... | 100 |
| “ Knightiana..... | 5 | Fabiana Imbricata..... | 18 |
| “ Sempervirens | 30 | Fagus Sylvatica..... | 3 |
| “ McNabiana | 90 | Ficus Cellast | 1 |
| Cytisus Bullatus | 61 | “ Marseilles | 2 |
| “ Capitatus | 225 | “ Macrophylla | 306 |
| “ Laburnum | 22 | Fontanesia Phillyræoides..... | 10 |
| “ Purpurea | 12 | Fraxinus Acuminata..... | 4 |
| “ Quercifolia | 25 | Carrya Elliptica | 3 |
| “ Triflorus..... | 215 | Genista Alba | 750 |
| “ Glabarata..... | 120 | “ Andreana | 1 |
| “ Hirsutus..... | 200 | “ Candicans..... | 300 |
| “ Sessilifolius..... | 33 | “ Linifolia..... | 194 |
| “ Canariensis | 200 | “ Tinctoria..... | 1,215 |
| “ Spinosa..... | 50 | “ Nana..... | 100 |
| “ Proliferus | 6 | Ginkgo Triloba..... | 1 |
| Dammara Australis..... | 6 | Gleditschia Triacanthos..... | 1 |
| Datura in variety..... | 155 | Goodia Lotifolia | 20 |
| “ Wrightii..... | 16 | Grevillea Robusta..... | 310 |
| Daphne Indica variegata..... | 5 | Habrothamnus Coccinea | 190 |
| “ Alba | 4 | “ Elegans | 160 |
| Dasyliion Gracilis..... | 3 | Heimia Grandiflora..... | 30 |
| “ Serratifolia..... | 4 | Hibiscus Splendens..... | 2 |
| Desmodium Pendula..... | 4 | Hypericum Calycinum | 200 |
| Deutzia crenata florepleno | 52 | “ Moserianum..... | 50 |
| “ Gracilis..... | 40 | “ Canariensis | 100 |
| Deeringea Calosoides variegata... | 8 | Ilex Argenta Alba | 2 |
| Distylium Racemosa..... | 1 | “ Aquifolia Aurea | 1 |
| Diosma Alba..... | 261 | “ Aquifolia | 104 |
| Diosma Ericifolia..... | 100 | Indigofera Australia | 37 |
| “ purpurea..... | 150 | Iochroma Coccinea | 88 |
| Diplopappus Chrysophylla | 62 | “ Tubulosa | 110 |
| Dracæna Draco..... | 1 | Jacaranda Mimosifolia | 3 |
| “ Australis..... | 485 | Jasminum Fruticans | 37 |
| “ Nutans | 12 | “ Capensis | 80 |
| “ indivisa lineata..... | 420 | Juglans Nigra | 90 |
| Edwardsia Microphylla..... | 50 | “ Sieboldii..... | 30 |
| Electria Excelsa..... | 3 | “ Cordiformis..... | 14 |
| Eleagnus Hookeriaus Bokakia.... | 16 | Juniperus Comminis | 90 |
| Entelea Arborescens | 50 | “ Compacta..... | 94 |
| Epacris Hybrida..... | 3 | “ Chinensis..... | 4 |
| Erica Capensis | 8 | “ Hibernica | 100 |
| “ Alba | 200 | “ Japonica | 175 |
| “ Mediterranea | 600 | “ Prostrata | 160 |
| “ Gauermanii | 3 | “ Variegata..... | 200 |
| “ Hyalina..... | 4 | “ Squamata..... | 76 |
| “ Lewisii..... | 4 | “ Virginiana | 64 |
| “ Roseluta Alba | 2 | Kerria Japonica..... | 50 |
| Erythrina Caffra..... | 4 | Kœlreuteria Paniculata | 56 |
| Escallonia Alba..... | 42 | Lantana Alba..... | 12 |
| “ Rosea | 250 | Lasiandra Macrantha..... | 65 |
| “ Leucantha | 60 | Lagunaria Pattersonii..... | 20 |
| “ Rubra | 150 | Laurus Capmhora | 31 |
| Eupatorium Dishii..... | 40 | “ Lusitanica..... | 350 |
| “ Pinatum..... | 30 | “ Nobilis | 4 |
| Eugenia Apiculata..... | 32 | Larix Occidentalis..... | 64 |
| “ Latifolia..... | 76 | “ Leptolepis..... | 6 |
| Eucalyptus in variety..... | 250 | Lavatera arborea variegata..... | 19 |
| Euonymus Japonica | 210 | Leptospermum Ericifolia..... | 1,452 |
| “ Aurea..... | 100 | “ Lævigatum..... | 4,004 |
| “ Pilchillnm Variegata.... | 51 | Leucadendron Argenteum..... | 1 |
| “ Latifolia Albus..... | 100 | Liriodendron Tulipifera..... | 8 |

LIST OF TREES AND SHRUBS IN PARK NURSERY, JUNE 30, 1897—Continued.

| | | | |
|-----------------------------------|-------|---------------------------------|-------|
| Libonia Floribunda..... | 50 | Pomaderris Servignea..... | 2 |
| Libocedrus Decurrens..... | 430 | Prunus Padus..... | 3 |
| Ligustrum Japonica..... | 14 | “ Californica..... | 225 |
| “ “ Variegata..... | 8 | Pseudotsuga Douglassii..... | 2,220 |
| Magnolia Fascata..... | 2 | Ptelia Trifoliata..... | 11 |
| “ Hypoleuca..... | 1 | Punica Granatum..... | 6 |
| “ Kobus..... | 1 | Quercus Myrsæfolia..... | 1 |
| Maclura Aurantiaca..... | 30 | “ Dentata..... | 1 |
| Maytenus Chilensis..... | 56 | “ Cuspidata..... | 1 |
| Mespilus Japonica..... | 32 | “ Macrocarpa..... | 8 |
| Melia Azederach..... | 6 | “ Palustris..... | 8 |
| Metrosideros Robusta..... | 8 | “ Rubra..... | 35 |
| Morus Alba..... | 20 | “ Douglassii..... | 50 |
| Murraya Exotica..... | 9 | “ Lobata..... | 20 |
| Myoporum Maculata..... | 132 | “ Solapis..... | 25 |
| Myrtus in variety..... | 100 | “ Stillegum..... | 32 |
| Myrica Rubra..... | 2 | “ Dumasa Bullata..... | 14 |
| Musa Ensete..... | 70 | “ Tinctoria..... | 2 |
| Nandina Domestica..... | 5 | “ Serrata..... | 1 |
| Negundo Aceroides..... | 28 | “ Crispula..... | 1 |
| Nolina Beldingii..... | 25 | “ Agrifolia..... | 245 |
| Olea Splendens..... | 3 | “ Coccinea..... | 1 |
| “ Sativa..... | 420 | “ Palmira..... | 30 |
| Philadelphus Coronarius..... | 46 | “ Suberosa..... | 9 |
| Phebalium Dentatum..... | 7 | Retinospora Aurea..... | 125 |
| Pinus Mites..... | 320 | “ Plumosa..... | 30 |
| “ Parryana..... | 125 | “ Decussata..... | 136 |
| “ Laricio..... | 200 | Rhamnus Integrifolius..... | 4 |
| “ Tuberculata..... | 1,550 | “ Alpinus..... | 14 |
| “ Coulterii..... | 325 | “ Catharticus..... | 11 |
| “ Torreyana..... | 290 | “ Frangula..... | 5 |
| “ Muricata..... | 750 | “ Purshiana..... | 2 |
| “ Monticola..... | 31 | Rhus Glabra..... | 1 |
| “ Longifolia..... | 4 | “ Copallina..... | 1 |
| “ Insignis..... | 1,450 | Rhaphiolepis ovata..... | 400 |
| “ Lambertiana..... | 120 | Ribes Sanguinea..... | 2 |
| “ Sabiniana..... | 450 | “ Alpinum..... | 2 |
| “ Contorta..... | 300 | Roses New Jubilee..... | 3 |
| “ Murrayana..... | 250 | “ Pink Roamer..... | 6 |
| “ Ponderosa..... | 230 | “ South Orange, Perfection..... | 6 |
| “ Maritima..... | 520 | “ Universal favorite..... | 6 |
| “ Excelsa..... | 150 | “ Yellow Rambler..... | 2 |
| Picea Englemanni..... | 100 | “ Mandas Triumph..... | 6 |
| “ Firma..... | 15 | “ General Jacqueminot..... | 12 |
| “ Menziesii..... | 17 | “ Red Bourbon..... | 3 |
| “ Magnifica..... | 12 | “ Wichuraiana..... | 50 |
| “ Nobilis..... | 200 | Rosa Rubiginosa..... | 166 |
| “ Grandis..... | 93 | “ Multiflora..... | 30 |
| “ Excelsa..... | 2,700 | Rosemarinus Officinalis..... | 15 |
| “ Subalpina..... | 20 | Robina Fastigata..... | 8 |
| “ Smithiana..... | 15 | Ruscus Aculeatus..... | 64 |
| Pittosporum Crassifolium..... | 390 | Rubus Fruticosus Dentata..... | 6 |
| “ Eugenioides..... | 625 | Salix Vitellina..... | 75 |
| “ Nigrum..... | 550 | “ Purpurea..... | 16 |
| “ Tobira..... | 72 | “ Caprea Pendula..... | 4 |
| Pittosporum Tobira Variegata..... | 10 | Salisburia Adiantifolia..... | 3 |
| “ Undulatum..... | 9 | Sambucus Aurea..... | 1 |
| Pimelia Rosea..... | 350 | “ Racemosa..... | 4 |
| Plumbago Capensis..... | 42 | Schinus Molle..... | 250 |
| Platanus Racemosa..... | 2 | “ Terebinthifolia..... | 40 |
| Platycodon in variety..... | 4 | Sequoia Gigantea..... | 380 |
| Polygala in variety..... | 375 | “ Sempervirens..... | 902 |
| Podalyria Argentea..... | 3 | Sollya Heterophylla..... | 7 |

LIST OF TREES AND SHRUBS IN PARK NURSERY, JUNE 30, 1897—Continued.

| | | | |
|-------------------------------|-------|-----------------------|-------|
| Spartium Junceum..... | 1,036 | Ulmus Montana..... | 2 |
| Stuartia Pseudo-Camellia..... | 5 | Ulex Europea..... | 150 |
| Swainsona Galegifolia..... | 80 | Veronica Arborea..... | 220 |
| Syncarpia Laurifolia..... | 12 | “ Carnea..... | 120 |
| Taxus Baccata..... | 31 | “ Decussata..... | 225 |
| “ Brevifolia..... | 3 | “ Elliptica..... | 156 |
| “ Adpressa..... | 6 | “ Andersonii..... | 46 |
| “ Cuspidata..... | 3 | “ Decumbens..... | 2,000 |
| “ Fastigiata..... | 30 | “ Buxifolia..... | 25 |
| Taxodium Distichum..... | 5 | Viburnum Tinus..... | 350 |
| Teucrium Canadensis..... | 50 | “ Opulus..... | 23 |
| Thuya Gigantea..... | 1,020 | “ Lucidum..... | 3 |
| “ Occidentalis..... | 20 | Weigelia Rosea..... | 105 |
| “ Filiformis..... | 3 | Yucca Aloifolia..... | 64 |
| Thujaopsis Dolabrata..... | 650 | “ Forcora..... | 6 |
| Torreya Californica..... | 16 | “ Whipplei..... | 350 |
| Tsuga Mertensiana..... | 360 | “ Baccata..... | 120 |
| “ Pattoniana..... | 50 | “ Pendula..... | 44 |

FLOWERING PLANTS IN PARK NURSERY.

| | | | |
|-----------------------------------|-------|--------------------------------|-------|
| Achyranthus Collensii..... | 150 | Heliotropum Lemoine Giant..... | 5 |
| Antirrhinum..... | 600 | “ Pruvianum..... | 40 |
| Anemone Japonica Alba..... | 3 | Hydrangea Hortensis..... | 200 |
| Althearodea..... | 100 | Justicia Carnea..... | 12 |
| Arnebia Cornuta..... | 2 | Layia Elegans..... | 20 |
| Begonia Atropurpurea..... | 315 | Lantana crocea..... | 250 |
| Cannas Indica..... | 47 | Lobelia Glandulosa..... | 800 |
| Carnation Columbian Guillaud..... | 11 | Lychnis Chalcedonica..... | 200 |
| “ New Margaret..... | 76 | Mentzelia Lavicaulis..... | 7 |
| “ Portia..... | 35 | Nicotiana Affinia..... | 200 |
| Calliandra Californica..... | 2 | Perilla nankinensis..... | 6 |
| Cheiranthus Cheri..... | 600 | Penstemon Barbatus..... | 700 |
| Chrysanthemum..... | 1,500 | Polyanthus Vulgaris..... | 50 |
| Cineraria Maritima..... | 100 | Pyrethrum Uliginosum..... | 20 |
| Clianthus Punicens..... | 500 | Rhodanthe Mangesii..... | 150 |
| “ Dampierii..... | 2 | Romneya Coulterii..... | 4 |
| Coleus..... | 12 | Saxifraga Sarmetosa..... | 10 |
| Cuphea Tricolor..... | 54 | Salvia Pattonia..... | 4 |
| Dahlia..... | 1,573 | “ Mandas Golden Splendens..... | 20 |
| Diplacus Punicens..... | 21 | Sedum Azureum Variegata..... | 1,100 |
| Dianthus Barbatus..... | 880 | “ Spurium Coccineum..... | 900 |
| “ Chinesis..... | 600 | “ Kamtschaticum..... | 400 |
| Echium Argentineum..... | 1,800 | Tigredia Grandiflora..... | 100 |
| Geranium Gen. Grant..... | 200 | Tritoma Uvara..... | 450 |
| “ Snow Ball..... | 66 | Viola Cornuta Perfection..... | 80 |
| “ Ivy..... | 45 | “ “ Admiration..... | 20 |
| Guaphalium Lanatum..... | 100 | Wigandia Carcassana..... | 12 |
| Gomphrena prennis..... | 70 | Xeranthemum Annum..... | 52 |
| Helichrysum Bracteatum..... | 300 | | |

VINES IN PARK NURSERY

| | | | |
|----------------------------------|-----|---------------------------------|-----|
| Actinidia Arguta..... | 1 | Clematis Japonica..... | 10 |
| “ Polygama..... | 1 | “ Jackmanii..... | 8 |
| Akebia Quinata..... | 4 | Cobea Scandens..... | 100 |
| Ampelopsis Veitchii..... | 105 | “ San Salvador..... | 17 |
| “ Royalii..... | 125 | Dolichos Lablab..... | 200 |
| Arctostaphylos Uva-Ursi..... | 21 | Duranta Plumerii..... | 17 |
| Aristolochia Ornithocephala..... | 100 | Ficus Repens..... | 50 |
| Bignonia Australis..... | 8 | Humulus Japonica Variegata..... | 75 |

VINES IN PARK NURSERY—Continued.

| | | | |
|--------------------------------|-----|-------------------------|-----|
| Humulus Japonica..... | 4 | Tacsonia Ignea | 33 |
| Ipomea Goodellii..... | 6 | “ Beechaerie..... | 25 |
| “ “ Flore Pleno..... | 3 | “ Van Volxemii..... | 16 |
| “ Giant Imperial..... | 3 | “ Rosea..... | 300 |
| “ Count Ito..... | 2 | “ rubra..... | 1 |
| “ Empress of Japan..... | 1 | Vitus Amazonica..... | 10 |
| “ Emperor of Japan..... | 90 | “ Australis..... | 1 |
| Kennedya Marryata..... | 6 | “ Berladerii..... | 2 |
| “ Monophylla..... | 4 | “ Bourguiana..... | 10 |
| “ Rubicunda..... | 17 | “ Californica..... | 3 |
| Lonicera Grandiflora..... | 100 | “ Champinii..... | 7 |
| Lophospermum Scandens..... | 15 | “ Davidiana..... | 1 |
| Mandevilla Sauveolens..... | 14 | “ Cordifolia..... | 7 |
| Manettia Cordifolia..... | 5 | “ Lindenii..... | 5 |
| Mina Sanguinea..... | 24 | “ Reparia..... | 6 |
| Muehlenbeckia Comolexa..... | 180 | “ Rupestris..... | 14 |
| Physianthus Alba..... | 12 | “ Solonis..... | 8 |
| Rhynchospermum Jasminoides.... | 20 | “ Monticola..... | 8 |
| Tacsonia edulis..... | 38 | Wistaria Frutecens..... | 4 |
| “ Buchananii..... | 42 | “ sinensis..... | 15 |
| “ Del Monte..... | 33 | | |

PALMS IN PARK NURSERY

| | | | |
|-------------------------|-----|---------------------------|----|
| Chamaerops Excelsa..... | 628 | Phoenix Reclinata..... | 1 |
| “ Nepalensis..... | 2 | “ Canariensis..... | 3 |
| “ Humilis..... | 2 | Pritchardia Filifera..... | 5 |
| Cocos Australis..... | 1 | “ Pacifica..... | 2 |
| Erythea Armata..... | 3 | “ Californica..... | 10 |
| Kentia Belmoreana..... | 2 | Sabal Blackburiana..... | 3 |
| Latania Borbonica..... | 5 | Seaforthia Elegans..... | 3 |

WATER LILLIES

| | | | |
|--------------------------------|---|-------------------------------|----|
| Darlingtonii Californica..... | 7 | Nymphaea Marliacea Rosea..... | 1 |
| Nymphaea Odorata..... | 2 | “ “ Chromatella.... | 12 |
| “ Rosea..... | 2 | “ Alba..... | 2 |
| “ Sulphurea..... | 2 | “ Candidissima..... | 2 |
| Nymphaea Marliacea Carnea..... | 2 | “ Flava..... | 2 |
| “ “ Albida..... | 2 | | |

ALOES, PALMS AND GRASSES.

| | | |
|--------------------|---------------------|------------------------|
| Agave Shawii. | Avena Elata. | Chamaerops Martiniana. |
| “ Americana. | Bambusa. | “ Nepalensis. |
| “ Americana varie- | “ Arundinacea. | “ Glauca. |
| gata. | “ Aurea. | “ Fortunii. |
| “ Angustifolia. | “ Stricata. | Corypha Australis. |
| “ Cœruberescens. | “ Falcata. | Cocus Australis. |
| “ Dealbata. | “ Fortunei. | “ Nucifera. |
| “ Densifolia. | “ Metake. | Doryanthes, palmerii. |
| “ ferox. | “ Nigra. | Dracæana. |
| “ Lophantha. | Brahea. | “ Australis. |
| “ Salmiana. | “ Edulis. | “ Draco. |
| “ Stenophylla. | “ Filamentosa. | “ Indivisa. |
| “ Vivipara. | “ mannii. | “ Nutans. |
| Arundo Striata. | “ Sonorea. | “ Stricta. |
| “ Donax. | Chamaerops Excelsa. | Dasyliirion Gracile. |
| “ “ Variegata. | “ Humilis. | “ Hookeri. |



STATUARY HALL—MUSEUM

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ALOES, PALMS AND GRASSES—Continued.

| | | |
|---------------------|-----------------------|----------------------|
| Elymus Glauca. | Phalaris Canariensis. | Sabal Blackburniana. |
| " Condensatus. | " Arundinacea. | " Palmetto. |
| Eulalia Japonica. | Phormium. | Stipa. |
| " " Zebrina. | " Tenax. | " pennata. |
| Erythea. | " " variegata. | " Tenacissima. |
| " Edulis. | Phoenix. | Typha Latifolia. |
| " Armata. | " Canariensis. | Yucca. |
| Festuca Glauca. | " Dactylifera. | " Alæfolia. |
| Furcroyea Gigantea. | " Reclinata. | " " variegata. |
| Gyncrium Argentum. | " Rupicola. | " Bracteata. |
| Isolepis gracilis. | " Sylvestris. | " Filamentosa. |
| Latania Borbonica. | " Tenuis. | " Gloriosa. |
| Musa Ensete. | Pritchardia. | " Maculata. |
| Nolina palmerii. | " Filifera. | " pendula. |
| Opuntia tuna. | " Martii. | " Quadricolor. |
| Panicum variegatum. | " Pacifica. | " Whipplei. |
| Phalaris. | " Sonorea. | " Baccata. |

CLIMBERS.

| | | |
|------------------------------|----------------------------|----------------------|
| Actinidia Arguta. | Ipomea Count Ito. | Smilax Hastata. |
| " polygama. | " Giant Imperial. | " Ornata. |
| Ampelopsis Veitchii. | " Goodellii. | " Mauritanica. |
| " Quinquefolia. | Kennedy Monophylla. | Solanum Jasminoides. |
| " Royalii. | Lathyrus Odviatus. | Swainsonia Alba. |
| Akebia Quinata. | " Splendens. | " Galegifo'ia. |
| Arctostaphylos Uva-Ursi. | " Tuberosus. | Tacsonia Buchananii. |
| Aristolochia Ornithocephala. | " Latifolius. | " Beecherii. |
| Bignonia Australis. | Linaria Cymbalaria. | " Collinsii. |
| " Jasminoides. | Lonicera Involucrata. | " Del Monte. |
| " Radicans. | " Punicea. | " Florabunda. |
| " Tweediana. | " Californica. | " Ignea. |
| Bignonia Thunbergiana. | " Caprifolium. | " Manicata. |
| Clematis Aristata. | " Japonica. | " Rubra. |
| " Coccineo. | " Grandiflora. | " Rosea. |
| " Jackmanii. | " Chamæcerasus. | " Van Volexima. |
| " paniculata. | " Periclymenum. | Thunbergia Alata. |
| " Thurbergiana. | Manettia Cordifolia. | Tropæolum Lobianum. |
| " Japonica. | Mandevillea Sauveolens. | " Majus. |
| " Flamula. | Maurandya Rubra. | " Speciosum. |
| Cocoba Scandens. | " Alba. | " Canariensis. |
| " San Salvadorensis. | " Barclayana. | Vitis Amazonica. |
| Dolichos Lablab. | Mina Lobata. | " Australis. |
| Eccecmocarpus Scabra. | " Sanguinea. | " Berladeri. |
| Ficus Repens. | Momordica Involucrata. | " Bourguiana. |
| Hardenbergia Monophylla | Muehlenbeckia Complexa. | " Californica. |
| Hedera Helix. | Myrsiphyllum Asparagoides. | " Champinii. |
| " " Donerailensis | Passiflora Australis. | " Cordifolia. |
| " Marginata. | " Cærulea. | " Davidiana. |
| Humulus Japonica. | " edulis. | " Lindenii. |
| " " Variegata. | Periploca Graeca. | " Reparia. |
| " Lupulus. | Physianthus Alba. | " Rupestris. |
| Ipomea Ficifolia. | Phacelus Caracalla. | " Solonis. |
| " Hardingii. | Plumbago Capensis. | " Monticola. |
| " Learii. | " Larpentæ. | Wistaria Sinensis. |
| " Limbata. | Rubus Fruticosus Dentata. | " flora plena. |
| " Empress of India | " Parvifolius. | " Frutescens. |
| " Emperor of Japan. | " Rosæfolius. | " Macrobotrys. |

CATALOGUE OF TREES AND SHRUBS IN GOLDEN GATE PARK.

| | | |
|------------------------|-----------------------------|---------------------------|
| Abies Alba. | Acacia Persiana. | Aucuba Japonica. |
| " Amabilis. | " Pyramidalis. | Azara Macrophylla. |
| " Alcoquiana. | " Riceana. | Baccharis Douglassii. |
| " Bracteata. | " Retinoides. | Bauhinia purpurea. |
| " Brachyphylla. | " Salixiana. | Benthamia Fragifera. |
| " Balsamea. | " Salicina. | Berberis Capitato. |
| " Concolor. | " Stenophylla. | " Darwinii. |
| " Cephalonica. | " Sophorea. | " Dulcis. |
| " Cœrulea. | " Trovissima. | " Japonica. |
| " Douglassii. | " Verticillata. | " Nervosa. |
| " Excelsa. | Acer Campestris. | " Stenophylla. |
| " Firma. | " Circinatum. | " Thunbergii. |
| " Grandis. | " Dasycarpum. | " Vulgaris. |
| " Hookeriana. | " Glaucum. | Berchemia Racemosa. |
| " Mertensiana. | " Macrophyllum. | Betula Alba. |
| " Morinda. | " Platanoides. | " Lenta. |
| " Magnifica. | " Polymorphum. | " Laciniata. |
| " Menzeisii. | " Pseudo platanus purpurea. | " Lutea. |
| " Nigra. | " Rubrum. | " Papyrifera. |
| " Nobilis. | " Saccharinum. | " Populifolia. |
| " Nigra Dammeto. | " Schwedlerii. | " Pendula. |
| " Pinsapo. | " Tataricum. | Bouvardia Fragrance. |
| " Pectinata. | " Weirii Laciniata. | Boldoa Fragrance. |
| " Pattoniana. | Achania Malvaviscus. | Brugmansia Suaveolens. |
| " Pumila. | Æsculus Californica. | Brachychiton Acerifolium. |
| " Pyramidalis. | " Flava. | " Populus. |
| " Veitchii. | " Glabra. | Buddleya Globosa. |
| Abutilon Sonv. de Bon. | " Gigantea. | " Lindleyana. |
| " Rubra. | " Hippocastanum. | Bupleurum Fruticosum. |
| " Frutesens. | " Japonica. | Buxus Altissima. |
| " Boule de Neige. | " Rubicunda. | " Argentea. |
| " Aurea. | " Turbinata. | " Aurea. |
| " Thomsonii Var. | Albizzia Juliberssin. | " Chrysophylla. |
| " Striatum. | Alnus, Glutinosa. | " Coriacea. |
| " Vexilaria. | " Serrulata. | " Lucida. |
| Abelia Rupestris. | Ailanthus Glandulosa. | " Myrtifolia. |
| Acacia Brachybotrya. | Aloysia Citriodora. | " Rotundifolium. |
| " Cylindriciformis. | Amorpha, Crocea Lanata. | " Sempervirens. |
| " Citriodora. | " Fragrance Nana. | " Suffruticosa. |
| " Cuneata. | " Fruticosa. | " Salicifolia. |
| " Coccinea. | " Linata. | Callitris Cupressiformis. |
| " Calamistrata. | " Lewesii. | " Gunnii. |
| " Cavenia. | Amygdalus Alba. | Callicoma Serratifolia. |
| " Camifolia. | " Communis. | Callistemon Brachyandrus. |
| " Capensis. | " Flora plena. | " Lanceolata. |
| " Decurrens. | " Fruticosa. | " Linearis. |
| " Dealbata. | " Purpurea. | " Rugulosis. |
| " Discolor. | Anona Cherimolia. | " Saligna. |
| " Fragrance. | " Triloba. | Calycanthus Floridus. |
| " Floribunda. | Aphilandra Aurantiaca. | " Humboldtii. |
| " Jamesiana. | Aralia Papyrifera. | " Occidentalis. |
| " Flexiosa. | " Spinosa. | Calothamnus purpurea. |
| " Horrida. | " Sieboldii. | " Quadripedus. |
| " Homotophylla. | Araucaria Bidwellii. | Calluna Vulgaris. |
| " Implexa. | " Cookii. | Callistachys Lanceolata. |
| " Latifolia. | " Excelsa. | Camellia Japonica. |
| " Lopantha. | " Imbricata. | " Sassantora. |
| " Linearis. | Arbutus Menziesii. | " Sasanqua. |
| " Longifolia. | " Unedo. | Carpinus Betulus. |
| " Melanoxylon. | Arctostaphylos Tomentosa. | Caragana Arborescens. |
| " Mollissima. | " Glauca. | " Altagana. |
| " Myrtifolia. | " Pungens. | Carpenteria Californica. |
| " Pycnantha. | Artemesia Glauca. | Carya Olivæformis. |
| " Paradoxa. | | Cassia Corymbosa. |

CATALOGUE OF TREES AND SHRUBS IN GOLDEN GATE PARK—Continued.

| | | |
|----------------------------|-------------------------|--------------------------|
| Cassia Floribunda. | Caprosma Baueriana. | Cytisus Scoparius. |
| Castanea Americana. | “ “ Variegata. | “ Spinosa. |
| “ Glabra. | “ Robusta. | “ Sessiliflorus. |
| “ Japonica. | Cordylone Australis. | “ Triflorus. |
| Cassia Corymbosa. | “ Indivisa. | Dammara Australis. |
| Casuarina Equisetifolia. | Coriari Myrtifolia. | “ Robusta. |
| “ Glauca. | “ Sarmentosa. | Daphne. |
| “ Stricta. | Cornus Macrophylla. | “ Indica. |
| “ Suberosa. | “ Pubescens. | “ Variegata. |
| “ Quadrivalvus. | “ Sanguinea. | “ Laureola. |
| Catalpa Bignonoides. | “ Siberica. | “ Odorata. |
| “ Kæmferii. | “ Spathii. | Darwinia Citriodora. |
| Ceanothus Africana. | Coronilla Glauca. | Datura Arborea. |
| “ Azureus. | “ Juncea. | “ Sanguinea. |
| “ Californica. | Corylus Americana. | Deutzia Crenata. |
| “ Ceres. | Corynocarpus lævigatus. | “ Crenata flora plena. |
| “ Integerrimus. | Cotoneaster Buxifolia. | “ Carensens. |
| “ Prostrata. | “ Thymifolia. | “ Fortunei. |
| “ Sessilifolia. | Corchorus Japonica. | “ Gracilis. |
| Cedrus Atlantica. | Cratægus Oxycantha. | “ Scabra flora plena. |
| “ Deodara. | “ “ Pendula. | Diplopappus. |
| “ Libani. | “ “ Rosea. | “ Chrysophylla. |
| Cephalotaxus Fortunei. | “ “ Elegans. | Deeringea Celosoides. |
| Celastrus Artulatus. | “ “ Sanguinea. | “ “ Variegata. |
| Celtis Australis. | “ “ pyracantha | Desmodium pendula. |
| “ Cordata. | Cryptomeria Elegans. | Diervilla Speciosa. |
| “ Occidentalis. | “ Japonica. | Diospyros Virginiana. |
| Cerasus Avium. | “ Chinaphila. | Dioscorea. |
| “ Japonicum Pendu- lum. | Cunninghamia sinensis. | “ Batatas. |
| “ Lusitanica. | Cupressus Argentea. | Diosma Alba. |
| “ Lauro Cerasus. | “ Braziliense. | “ Capitata. |
| “ Illicifolia. | “ Chinensis. | “ Ericifolia. |
| “ Serrulata. | “ Funebris. | “ Tenufolia. |
| Ceratonia Saliqua. | “ Guadalupensis. | “ purpurea. |
| Cercidiphyllum Japonica. | “ Goveniana. | Diplacus glutinosa. |
| Cercis Canadensis. | “ Knightiana. | “ Punicens. |
| “ Siliquastrum. | “ Lawsoniana. | Dipsacus. |
| “ Chinesis. | “ Macrocarpa. | “ fullonum. |
| Cercocarpus Betulifolius. | “ variegata. | Distylium. |
| Cestrum Aurantiacum. | “ aurea. | “ Racemosa. |
| Chionanthus Fragrance. | “ Macnabiana. | Duranta. |
| “ Virginicus. | “ Pendula. | “ plumieri. |
| Choisya Ternata. | “ Pyramidalis. | Eleagnus aurea. |
| Chorizema Illexifolia. | “ Sempervirens. | “ Japonica. |
| Cinnamomum Sericeum. | “ Torulosa. | “ Angustifolia. |
| “ Pedunculatum. | Cydonia Japonica. | Electra Excelsa. |
| Cistus Albidus. | “ vulgaris. | Elacoca Cordata. |
| “ Aurantiaca. | Cytisus Alpinus. | Elaeocarpus Hookerianus. |
| “ Ladaniferous. | “ Arizonica. | Echium Lindleyana. |
| “ “ Maculatus. | “ Bullatus. | “ strictum. |
| “ Major. | “ Californica. | “ Argenteum. |
| “ Rosca. | “ Canariensis. | “ Candicans. |
| “ Salvifolius. | “ Capitatus. | Edwardsia Microphylla. |
| Citrus Chinesis. | “ Elaborata. | “ Macropylla. |
| “ Trifoliata. | “ Elongatus. | Erica Arborea. |
| Clerodendron Speciosum. | “ Glabarata. | “ Mediterranea. |
| Clanthus Damperii. | “ Hirsutus. | Erica hymalis. |
| “ Punicens. | “ Laburnum. | “ Gaurmanii. |
| Coccoloba Platyclada. | “ Nigricans. | “ hyalina. |
| Colletia Ferox. | “ prolifus. | “ Lewisii. |
| Colutea Cruenta. | “ purpureus. | “ Persoluta Alba. |
| Colquhonia Vistata. | “ Racemosus. | “ Melanthera. |
| | “ Quercifolius. | Eriobotrya Japonica. |

CATALOGUE OF TREES AND SHRUBS IN GOLDEN GATE PARK—Continued.

| | | |
|--------------------------------|----------------------------------|-------------------------------|
| <i>Erythrina crista galli.</i> | <i>Eukimothus Japonica.</i> | <i>Hibiscus Roseus.</i> |
| “ <i>caffra.</i> | <i>Eupatorium ageratoides.</i> | “ <i>Reeresii.</i> |
| <i>Escallonia floribunda.</i> | “ <i>Dishii.</i> | “ <i>Splendens.</i> |
| “ <i>macrantha.</i> | “ <i>Riparium.</i> | “ <i>Syriacus.</i> |
| “ <i>rubra.</i> | “ <i>Speciosum.</i> | <i>Hydrangea Hortensis.</i> |
| “ <i>leucantha.</i> | <i>Europeus Elatus.</i> | “ <i>Paniculata</i> |
| “ <i>Rosea.</i> | <i>Entelea Arborescens.</i> | “ <i>grandiflora.</i> |
| “ <i>Alba.</i> | <i>Epacris Hybrida.</i> | <i>Hymenosporum F. vum.</i> |
| “ <i>Montevidensis.</i> | <i>Exochorda grandiflora.</i> | <i>Hypericum Canariensis.</i> |
| “ <i>Philippiana.</i> | <i>Eurybia Australis.</i> | “ <i>Calycinum.</i> |
| <i>Eucalyptus amygdalina</i> | <i>Ficus Carica.</i> | “ <i>Moserianum.</i> |
| “ <i>citriodora.</i> | “ <i>Elastica.</i> | “ <i>Patulum.</i> |
| “ <i>corymbosa.</i> | “ <i>Indica.</i> | <i>Ilex aquifolium.</i> |
| “ <i>globulus.</i> | “ <i>Macrophylla.</i> | “ “ <i>Argentea.</i> |
| “ <i>goniocalix.</i> | <i>Fabiana Imbricata.</i> | “ “ <i>Aurea.</i> |
| “ <i>Gunnii.</i> | <i>Fagus purpurea.</i> | “ “ <i>Alba.</i> |
| “ <i>Peperita.</i> | “ <i>Sylvatica.</i> | “ <i>Cornuta.</i> |
| “ <i>Polyanthemos.</i> | <i>Fraxinus Acumenata.</i> | “ <i>crenata.</i> |
| “ <i>Pressii.</i> | “ <i>Excelsior.</i> | “ <i>Japonica</i> |
| “ <i>Rostata.</i> | “ <i>Ornus.</i> | “ <i>Latifolia.</i> |
| “ <i>Risdonii.</i> | “ <i>Oregonia.</i> | “ <i>Robusta.</i> |
| “ <i>obliqua.</i> | “ <i>pendula.</i> | <i>Illicium Religiosum.</i> |
| “ <i>paniculatus.</i> | “ “ <i>aurea.</i> | <i>Indigofera Australis.</i> |
| “ <i>stricta.</i> | “ <i>platycarpa.</i> | “ <i>Tinctoria.</i> |
| “ <i>vittata.</i> | <i>Fremontia Californica.</i> | <i>Inga Dulcis.</i> |
| “ <i>viminalis.</i> | <i>Fontanesea phillyræoides.</i> | <i>Iochroma Coccinea.</i> |
| “ <i>saligna.</i> | <i>Forsythia Viridissima.</i> | “ <i>Tubulosa.</i> |
| “ <i>cordata.</i> | “ <i>Fortunii.</i> | <i>Itea Virginica.</i> |
| “ <i>cineria.</i> | <i>Frenela Australis.</i> | <i>Jacaranda Mimosifolia.</i> |
| “ <i>cosmophylla.</i> | “ <i>Muellerii.</i> | <i>Jasminum Alba.</i> |
| “ <i>collosea.</i> | “ <i>Robusta.</i> | “ <i>Aurea.</i> |
| “ <i>concolor.</i> | “ <i>Rhomboides.</i> | “ <i>Capensis.</i> |
| “ <i>calophylla.</i> | <i>Garrya Fremonti.</i> | “ <i>Fruticans.</i> |
| “ <i>coccifera.</i> | “ <i>Ellyptica.</i> | “ <i>nudiflorum.</i> |
| “ <i>exima.</i> | <i>Gardenia Radicans.</i> | <i>Juglans Californica.</i> |
| “ <i>exserta.</i> | <i>Gaultheria Shallon.</i> | “ <i>Regia.</i> |
| “ <i>eugeneoides.</i> | <i>Genista Alba.</i> | “ <i>Nigra.</i> |
| “ <i>piluderis.</i> | “ <i>Andreana.</i> | “ <i>Cordiformis.</i> |
| “ <i>radiata.</i> | “ <i>Candicans.</i> | “ <i>Sieboldii.</i> |
| “ <i>floribunda.</i> | “ <i>Linifolium.</i> | <i>Juniperus Argentea.</i> |
| “ <i>fissilis.</i> | “ <i>Sinensis.</i> | “ <i>Bermudiana.</i> |
| “ <i>gigantea.</i> | “ <i>Scoparis.</i> | “ <i>Communis.</i> |
| “ <i>hemiphloea.</i> | <i>Geitonoplesium Cymosum.</i> | “ <i>Chinensis.</i> |
| “ <i>hæmastoma.</i> | <i>Gleditschia Triacantha.</i> | “ <i>Compacta.</i> |
| “ <i>leptopleba.</i> | <i>Goodia Lotifolia.</i> | “ <i>Densata.</i> |
| “ <i>longifolia.</i> | “ <i>Pubescens.</i> | “ <i>Drupacea.</i> |
| “ <i>leucoxylon.</i> | <i>Grevillea Robusta.</i> | “ <i>Hibernica.</i> |
| “ <i>melliodora.</i> | “ <i>Hertii.</i> | “ <i>Japonica.</i> |
| “ <i>macrocarpa.</i> | <i>Guevina Avellana.</i> | “ “ <i>aurea.</i> |
| “ <i>macroshyncha.</i> | <i>Gymnocladus canadensis.</i> | “ “ <i>Alba.</i> |
| “ <i>Muellerii.</i> | <i>Habrothamnus Coccinea.</i> | “ <i>Lycea.</i> |
| “ <i>negacarpa.</i> | “ <i>Elegans.</i> | “ <i>Pedunculata.</i> |
| “ <i>maculata.</i> | <i>Hakea Aricularis.</i> | “ <i>Phœnicia.</i> |
| “ <i>occidentalis.</i> | “ <i>Leucaptera.</i> | “ <i>Prostrata.</i> |
| <i>Euonymus aurea.</i> | “ <i>Modosa.</i> | “ “ <i>Variegata</i> |
| “ <i>Argentea.</i> | “ <i>Saligna.</i> | “ <i>Squamata.</i> |
| “ <i>Japonica.</i> | “ <i>Ulicina.</i> | “ <i>Saleiana.</i> |
| “ <i>pulchellum.</i> | “ <i>Vernocosa.</i> | “ <i>Squarosa.</i> |
| “ <i>radicans.</i> | “ <i>Latifolia.</i> | “ <i>Sabina.</i> |
| “ “ <i>variegata</i> | <i>Hamamelis Japonica.</i> | “ <i>Virginiana.</i> |
| <i>Eugenia apiculata.</i> | <i>Harpullea pendula.</i> | “ <i>Justicia Carneæ.</i> |
| “ <i>latifolia.</i> | <i>Hibiscus Nutabilis.</i> | <i>Kadsura Japonica.</i> |
| “ <i>myrtifolia.</i> | “ <i>Macrophylla.</i> | <i>Kalmea Glauca.</i> |
| <i>Eucaplis Hayphylloides.</i> | “ <i>Pungens.</i> | <i>Kaubra Polygana.</i> |



CATALOGUE OF TREES AND SHRUBS IN GOLDEN GATE PARK—Continued.

| | | |
|---------------------------|------------------------|--------------------------|
| Kennedyia Comptoniana. | Morus Nigra pendula. | Pinus Massoniana. |
| " macrophylla. | Murraya Exotica. | " Mitis. |
| Kerria Japonica. | Myoporum Maculata. | " Monticola. |
| Koelreuteria paniculata. | " Lactum. | " Maritima. |
| Lantanium Alba. | Myrica Californica. | " Mughus. |
| Lantana Camara. | " Rubra. | " Montezumæ. |
| " Selloviana. | Myrtus Communis. | " Murrayana. |
| Lagerstromia Indica. | " Latifolia. | " Pineæ. |
| Larix Europea. | " Mucronata. | " ponderosa. |
| " Leptolepis. | " Macrophylla. | " Parviflora. |
| " Occidentalis. | Nandina Domestica. | " pinaster. |
| Lagunaria Pattersonii. | Negundo Malinifolia. | " pontosa. |
| Lasiandra Macrantha. | " Aceroides. | " Parryana. |
| Laurus camphora. | Nerium Album. | " Rubra. |
| " Grandulosa. | " Splendens. | " Radiata. |
| " Indica. | Nierenbergia gracilis. | " Strobilus. |
| " Nobilis. | Notelcea longifolia. | " Sabiniana. |
| Lavatera arborea. | Olea Sativa. | " Sylvestris. |
| " " variegata. | " fragrans. | " Tæda. |
| Leptospermum ericifolium. | " Picolina. | " Tomentosa. |
| " lævigatum. | Olearia illicifolia. | " Torreyana. |
| " scoparia. | Osmanthus illicifolia. | " Tuberculata. |
| Leycesteria Elegans. | " " variegata. | Paulownia Imperialis. |
| Libocedrus decurrens. | " Latifolia. | Persoonia Lanceolata. |
| Libonia floribunda. | " Ligustifolia. | " Laticifolius. |
| Leucadendron Argenteum. | Otherathyrax hispidum. | " Linearis. |
| Liriodendron tulipifera. | Picea. | Phebalium Dentatum. |
| Ligustrum Californicum. | " amabilis. | Phillyrea Angustifolia. |
| " Iboia. | " alcoquiana. | " Illicifolia. |
| " Lucidum. | " Bracteata. | " Latifolia. |
| " Japonicum. | " Concolor. | " Media. |
| " " variegatum | " Engelmanni. | Philadelphus Coronarius. |
| " " vulgara. | " Grandis. | " Montana. |
| Litrea Caustica. | " Jezoensis. | Photinia Arbutifolia. |
| Lycium parviflorum. | " Nobilis. | " Serrulata. |
| Maclura Aurantiaca. | " pinsapo. | Pimelia Australis. |
| Magnolia Acuminata. | " pectinata. | " Rosea. |
| " Fuscata. | " pygmæa. | Pistacia Vera. |
| " Hypoluca. | " Nordmanniana. | Pittosporum Eugenioides. |
| " Grandiflora. | " Magnifica. | " Crassifolium. |
| " La Gallisoniere. | " Pungens. | " Eriocarpum. |
| " Oxoniensis. | " Smithiana. | " Buchananii. |
| " Precoix du maux | Pinus. | " Nigrum. |
| " Soulangiana. | " Austriaca. | " Rhombifolium. |
| " Stellata. | " Albicaulis. | " Tobira. |
| Mahonia aquifolia. | " Bermudiana. | " " Variegata |
| Mahernia Odorata. | " Banksiana. | " Undulatum. |
| Maytenus Chilensis. | " cembra. | Planera Cuspidata. |
| Mechelea compressa. | " coulteri. | " Japonica. |
| Melanthus Major. | " contorta. | Plagianthus Lyallii. |
| Melalleuca armellaris. | " Canariensis. | Platanus Racemosus. |
| " Decussata. | " Densiflora. | " Orientalis. |
| " Ericatolia. | " Excelsa. | " Occidentalis. |
| " Genistifolia. | " Fremontiana. | Plumeria Lambertana. |
| " Hypericifolia. | " Hamiltonii. | Podalyria Argentæa. |
| " Incana. | " Halepensis. | Podocarpus Austriaca. |
| Melia Azedarach. | " Insignis. | Poinciana Gillesii. |
| Menziesia ferruginea. | " inops. | " pulcherrimæ. |
| Mespilus Japonicus. | " Jeffreyana. | Polygala Alternata. |
| Metrosideros tomentosa. | " Koraiensis. | " Dalmasiana. |
| " Robusta. | " Laricio. | " Speciosa. |
| Morus Alba. | " " Calabrica. | " Grandiflora. |
| " Japonica. | " Longifolia. | Pomaderris Servignæa. |
| " Multicaulis. | " Lambertiana. | " Aspera. |

CATALOGUE OF TREES AND SHRUBS IN GOLDEN GATE PARK—Continued.

| | | |
|--------------------------|---------------------------------|----------------------------|
| Populus Balsamifera. | Retinospora plumosa | Rhododendron hybridum. |
| “ Argentea. | “ aurea. | “ Indicum. |
| “ Fastigiata. | “ squarrosa. | “ Jennessonii. |
| “ Nigra. | Rhamnus alpinus. | “ Jenkinsii. |
| Pavonia Hastata. | “ Californicus. | “ maximum. |
| “ Nastilis. | “ catharticus. | “ nigrum. |
| Pronaya Fabura. | “ Coulterii. | “ nilagiricum. |
| Prostanthera lasianthos. | “ frangula. | “ nobleanum. |
| “ nivea. | “ infectorius. | “ occidentalis. |
| “ Siberica. | “ integrifolius. | “ ponticum. |
| “ Suberosa. | “ pulchella. | “ Princess Alex- andra. |
| Prunus. | “ purshiana. | “ Queen of Dwarfs. |
| “ Padus. | Rhaphiolepis ovata. | “ Rosaline. |
| “ Cerasus. | “ indica. | “ Sabiana. |
| “ Illicifolium. | Rhus copallina. | “ Thomsonii. |
| “ Japonica. | “ coriaria. | “ Thibaudiense. |
| “ Malus. | “ cotinus. | “ Wightii. |
| “ Myrobalanus. | “ Glabra. | “ Zealandicum. |
| “ Triloba. | “ toxicodendron. | |
| “ Californica. | Ribes alpinum. | |
| Psidium Cattedanum. | “ grossularia. | Rhodocitus Berthelotianus. |
| Psoralea Glandulosa. | “ “ capensis. | Rubus fruticosus. |
| “ Pinnata. | “ sanguineum. | “ occidentalis. |
| Pseudotsuga taxifolia. | Robinia Bessoniana. | “ rosefolius. |
| Ptelea trifoliata. | “ fastigiata. | Ruscus Aculeatus. |
| Punica Granatum. | “ nigra. | Salisburia Adiantifolia. |
| Pyrus Domestica. | “ pseud-acacia. | Salix Alba. |
| “ Japonica. | Rosemarinus officinalis. | “ Babylonica. |
| “ Malus. | Rhyncospermum Jasmin- oides. | “ Caprea. |
| Quercus Alba. | “ “ variegata. | “ Caprea pendula. |
| “ Agrifolia. | Rhododendron Andersonii. | “ fragilis. |
| “ aquatica. | “ Aruginosum. | “ nigra. |
| “ Coccinea. | “ albicans. | “ purpurea. |
| “ cuspidata. | “ arboreum. | “ Vitellina. |
| “ crispula. | “ Argenteum. | Sambucus. |
| “ dentata. | “ Athens. | “ Nigra. |
| “ Douglassii. | “ Aurora. | “ Racemosa purpurea |
| “ Dumasa bullata. | “ barbatum. | “ aurea. |
| “ Humboldtii. | “ blandfordice- florum. | Sciadopitys Verticillata. |
| “ Ilex. | “ Californicum. | Schinus Molle. |
| “ macrocarpa. | “ calophyllum. | “ Terebinthifolius. |
| “ Montana. | “ Corajia. | Schotia Latifolia. |
| “ myrsæfolia. | “ Catawbiense. | “ Tamarindifolia. |
| “ olivæformis. | “ Countess of Sefton. | Sequoia Gigantea. |
| “ palmyra. | “ Dalhousianum. | “ Sempervirens. |
| “ palustris. | “ Duchess of Connaught. | Serissa Japonica. |
| “ pinnatifolia. | “ Duchess of Edinburgh. | Sida Pulchella. |
| Quercus robur. | “ Duchess of Teck. | Solanum Crenulatum. |
| “ “ serrata. | “ Emblem. | “ Capsicastrum. |
| “ rubra. | “ Falconerii. | “ Hoemitacarpum. |
| “ sempervirens. | “ fulgens. | “ Jasminoides. |
| “ serrata. | “ grande. | “ Laciniatum. |
| “ sessilifolia. | “ grenadier. | “ Lanceolatum. |
| “ solapis. | “ glaucum. | “ Macrocarpum. |
| “ stillengia. | “ Habbanum bi- color. | “ Robustum. |
| “ suberosa. | “ Heimilicum. | Sollya Heterophylla. |
| “ tinctoria. | “ Hodgsonii. | Sophora Japonica. |
| “ Lobata. | | “ “ pendula. |
| “ densifolia. | | Spartium Junceum. |
| Retinospora Argentea. | | Sphaeralcea. |
| “ decussata. | | “ Caroliniana. |
| “ ericifolia. | | Spiraea. |
| “ obtusa. | | “ Aerifolia. |
| “ plumosa. | | “ Aruncus. |

CATALOGUE OF TREES AND SHRUBS IN GOLDEN GATE PARK—Continued.

| | | |
|---------------------------|--------------------------|---------------------------|
| Spiraea Billiardii. | Taxus Cuspidata. | Ulmus Montana. |
| " Japonica. | " Cheshuntiensis. | " " pendula. |
| " Nobleii. | " Erecta stricta. | " purpurea. |
| " Opulifolia. | " Elegantissima aurea. | " Suberosa. |
| " plumosa. | " Fastigiata. | " Wheatleyii. |
| " Prunifolia flore- | " Pyramidalis. | Umbellularia Californica. |
| " pleno. | " Washingtonii. | Veronica Arborea. |
| " palmata. | Templetonia Retusa. | " Andersonii. |
| " Reevesii. | Thea Viridis. | " " Variegata |
| " Thunbergii. | Thuya Filiformis. | " Buxifolia. |
| Sterculia. | " Gigantea. | " Carnea. |
| " Acerifolia. | " Nepalensis. | " Coerulea. |
| " Diversifolia. | " Orientalis. | " Decumbens. |
| " pentagyna. | " Occidentalis. | " Decussata. |
| Styrax Africana. | " pendula. | " Elliptica. |
| " Obassia. | " Pattoniana. | " Imperialis. |
| " Stantsonia. | " Lobbi variegata. | " Paniculata. |
| Streptosolen Jamesonii. | " Tartarica. | " Parviflora. |
| Stevia Serrata. | Thuyopsis. | " " Alba. |
| Stuartia pseudo-Camellia. | " Dolabrata. | " Salicifolia. |
| " preudis. | " " Variegata. | Vaccinum Macrocarpum. |
| " pentagyna. | Tilia aurantia. | Viburnum Lucidum. |
| Staphylea pinnata. | " Dasystyla. | " Opulus. |
| Syringa vulgaris. | " Europea. | " Tinus. |
| " alba. | " " pendula. | " " Grandi- |
| " persica. | " platyphyllos. | flora. |
| Syncarpia Laurifolia. | Torreya Californica. | Virgilia Lutea. |
| Sutherlandii frutescens. | Toxicophlæa Spectabilis. | " Capensis. |
| Taricopus Spectabilis. | Tristania Conferta. | Vitex Agnus castus. |
| Tamarix Gallica. | Ulex Europæus. | Weigelia Rosea. |
| Taxodium Distichium. | Ulmus Argentea. | " " Variegata. |
| Taxus. | " Americana Variegata. | " Rubra. |
| " Aurea. | " " Alba. | Widdringtonia Whytei. |
| " Adpressa stricta. | " Campestris. | " Cupressoides. |
| " Baccata. | " Fulva. | Xylomelum Pyriforme. |
| " Brevifolia. | " Huntingtonii. | |

